



AUTOMOTIVE

Product Catalogue 2016 July

AEC-Q101 Qualified



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Schottky Barrier Rectifiers

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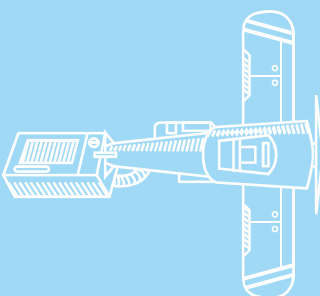
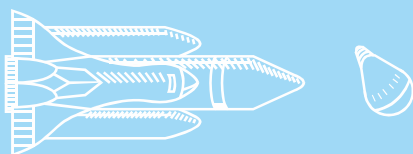
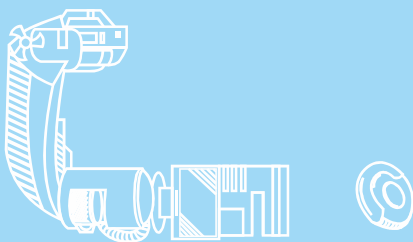
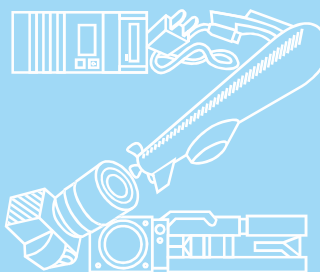
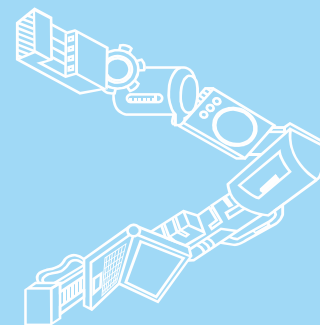
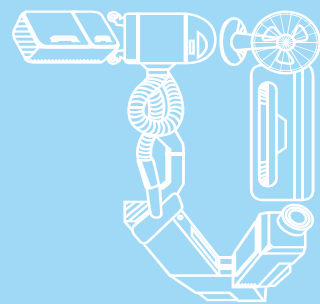
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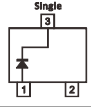
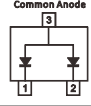
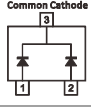
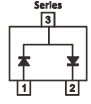
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Small Signal Schottky Diodes

Schottky

Part Number	V_{RRM} Max.	I_F A	I_{FSM} A	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		$C_T @ V_R$ Typ.		Package	Circuit Figure
	V			mA	μA	V	pF	V			
RB521S30-AU	30	0.2	1	0.5	200	100	30	-	-	SOD-523	
RB751S40-AU	40	0.3	0.5	0.37	1	0.5	30	3	1		
RB520S40-AU	40	0.25	1	0.6	200	5	30	50	0		
SD107WS-AU	30	0.2	0.75	0.8	100	1	25	3	10		
BAT42WS-AU	30	0.2	4	1	200	0.5	30	-	-		
RB751V-40-AU	40	0.3	0.6	0.37	1	0.5	30	3	1		
BAT54WS-AU	30	0.2	1	0.6	100	2	25	-	-		
BAS40WS-AU	40	0.2	4	1	40	10	40	-	-		
SD103AWS-AU	40	0.35	2	0.6	200	5	30	50	0		
RB501V-40-AU	45	0.1	1	0.55	100	10	10	6	10		
BAT54TB6-AU	30	0.2	0.6	0.6	100	2	25	10	0	SOT-563	
BAT54STB-AU	30	0.2	0.6	1	100	2	25	10	0	SOT-523	
BAT54-AU	30	0.2	0.6	0.6	100	2	25	10	1	SOT-23	
BAT54A-AU	30	0.2	0.6	0.6	100	2	25	10	1		
BAT54C-AU	30	0.2	0.6	0.6	100	2	25	10	1		
BAT54S-AU	30	0.2	0.6	0.6	100	2	25	10	1		
BAS40-AU	40	0.2	0.6	1	40	1	25	-	-		
BAS40A-AU	40	0.2	0.6	1	40	1	25	-	-		
BAS40C-AU	40	0.2	0.6	1	40	1	25	-	-		
BAS40S-AU	40	0.2	0.6	1	40	1	25	-	-		

Small Signal Schottky Diodes

Part Number	V_{RRM} Max.	I_F	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		$C_T @ V_R$ Typ.		Package	Circuit Figure
	V	A	A	V	mA	μA	V	pF	V		
BAS70-AU	70	0.2	0.6	1	15	1	70	-	-	SOT-23	
BAS70A-AU	70	0.2	0.6	1	15	1	70	-	-		
BAS70C-AU	70	0.2	0.6	1	15	1	70	-	-		
BAS70S-AU	70	0.2	0.6	1	15	1	70	-	-		

Schottky Rectifiers

Part Number	V_{RRM} Max.	I_F	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package
	V			A	V	A	μA	
SS1030HEWS-AU	30	1	22	0.52	1	100	30	SOD-323HE
SS1040HEWS-AU	40	1	22	0.58	1	100	40	
MBR1040HEWS-AU	40	1	22	0.58	1	50	40	
MBR1020VL-AU	20	1	45	0.34	1	600	20	SOD-123FL
SS1020FL-AU	20	1	40	0.55	1	30	20	
SS1030FL-AU	30	1	40	0.55	1	30	30	
SS1040FL-AU	40	1	40	0.55	1	30	40	
SS1060FL-AU	60	1	40	0.7	1	30	60	
SS12-AU	20	1	30	0.5	1	200	20	
SS13-AU	30	1	30	0.5	1	200	30	
SS14-AU	40	1	30	0.5	1	200	40	
SS15-AU	50	1	30	0.7	1	100	50	
SS16-AU	60	1	30	0.7	1	100	60	
SS2040HE-AU	40	2	50	0.55	2	100	40	SOD-123HE
SS2020FL-AU	20	2	50	0.5	2	100	20	SOD-123FL
SS2030FL-AU	30	2	50	0.5	2	100	30	
SS2040FL-AU	40	2	50	0.5	2	100	40	
SS2060FL-AU	60	2	50	0.7	2	40	60	SMAF
SR24F-AU	40	2	50	0.5	2	100	40	
SR25UF-AU	50	2	50	0.52	2	100	50	
SR22-AU	20	2	50	0.5	2	200	20	SMA/DO-214AC
SR23-AU	30	2	50	0.5	2	200	30	
SR24-AU	40	2	50	0.5	2	200	40	
BR24-AU	40	2	50	0.7	2	50	40	
BR24A-AU	45	2	50	0.7	2	50	45	
BR25-AU	50	2	50	0.7	2	50	50	
BR26-AU	60	2	50	0.7	2	50	60	
BR28-AU	80	2	50	0.8	2	50	80	
BR29-AU	90	2	50	0.8	2	50	90	
BR210-AU	100	2	50	0.8	2	50	100	
SK22-AU	20	2	50	0.5	2	90	20	SMB/DO-214AA
SK23-AU	30	2	50	0.5	2	90	30	
SK24-AU	40	2	50	0.5	2	90	40	
SK25-AU	50	2	50	0.7	2	90	50	
SK26-AU	60	2	50	0.7	2	90	60	
MB24-AU	40	2	50	0.7	2	50	40	
MB24A-AU	45	2	50	0.7	2	50	45	
MB25-AU	50	2	50	0.74	2	50	50	
MB26-AU	60	2	50	0.74	2	50	60	
MB28-AU	80	2	50	0.8	2	50	80	
MB29-AU	90	2	50	0.8	2	50	90	
MB210-AU	100	2	50	0.8	2	50	100	
SK23L-AU	30	2	50	0.45	2	250	30	
SK24L-AU	40	2	50	0.45	2	250	40	
SK26L-AU	60	2	50	0.52	2	150	60	
S210L-AU	100	2	50	0.72	2	150	100	

Schottky Rectifiers

Part Number	V_{RRM} Max.	I_F	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package
	V			A	V	A	μA	
SS3040HE-AU	40	3	80	0.52	3	160	40	SOD-123HE
SS3060HE-AU	60	3	80	0.65	3	100	60	
SSM3060VHE-AU	60	3	80	0.5	3	220	60	
SX34LF-AU	40	3	100	0.49	3	100	40	SMAF
SX33F-AU	30	3	80	0.5	3	100	30	
SX34F-AU	40	3	80	0.5	3	100	40	
SX36F-AU	60	3	80	0.75	3	100	60	
SXM34AVF-AU	45	3	150	0.47	3	210	45	
SXM36VF-AU	60	3	80	0.5	3	220	60	
SR34F-AU	40	3	80	0.5	3	100	40	SMBF
SX32-AU	20	3	80	0.5	3	200	20	SMA/DO-214AC
SX33-AU	30	3	80	0.5	3	200	30	
SX34-AU	40	3	80	0.5	3	200	40	
SX36-AU	60	3	80	0.75	3	100	60	
BR34-AU	40	3	80	0.7	3	50	40	SMB/DO-214AA
BR34A-AU	45	3	80	0.7	3	50	45	
BR35-AU	50	3	80	0.74	3	50	50	
BR36-AU	60	3	80	0.74	3	50	60	
BR38-AU	80	3	80	0.8	3	50	80	
BR39-AU	90	3	80	0.8	3	50	90	
BR310-AU	100	3	80	0.8	3	50	100	
SK32-AU	20	3	100	0.5	3	200	20	SMC/DO-214AB
SK33-AU	30	3	100	0.5	3	200	30	
SK34-AU	40	3	100	0.5	3	200	40	
SK35-AU	50	3	100	0.75	3	100	50	
SK36-AU	60	3	100	0.75	3	100	60	
MB34-AU	40	3	100	0.7	3	50	40	
MB34A-AU	45	3	100	0.7	3	50	45	
MB35-AU	50	3	100	0.74	3	50	50	
MB36-AU	60	3	100	0.74	3	50	60	
MB38-AU	80	3	100	0.8	3	50	80	
SX53F-AU	30	5	100	0.54	5	100	30	SMAF
SX54F-AU	40	5	100	0.54	5	100	40	
SX56F-AU	60	5	100	0.66	5	100	60	
SK54L-AU	40	5	100	0.44	5	500	40	SMC/DO-214AB
SK56L-AU	60	5	100	0.5	5	500	60	
SK52-AU	20	5	100	0.55	5	200	20	
SK53-AU	30	5	100	0.55	5	200	30	
SK54-AU	40	5	100	0.55	5	200	40	
SV560L-AU	60	5	120	0.67	5	150	60	TO-277
SD1020CS-AU	20	10	100	0.55	5	200	20	TO-252
SD1030CS-AU	30	10	100	0.55	5	200	30	
SD1040CS-AU	40	10	100	0.55	5	200	40	
SVT12100V-AU	100	12	200	0.67	12	100	100	TO-277

Schottky Rectifiers

Schottky

Part Number	V _{RRM} Max.	I _F	I _{FSM}	V _F @ I _F Max.		I _R @ V _R Max.		Package
	V	A	A	V	A	μA	V	
SB2520CT-AU	20	25	200	0.55	12.5	200	20	TO-220AB
SB2530CT-AU	30	25	200	0.55	12.5	200	30	
SB2540CT-AU	40	25	200	0.55	12.5	200	40	
SB2545CT-AU	45	25	200	0.55	12.5	200	45	
MBR3040CT-AU	40	30	275	0.7	15	100	40	
MBR3045CT-AU	45	30	275	0.7	15	100	45	
MBR3050CT-AU	50	30	275	0.75	15	100	50	
MBR3060CT-AU	60	30	275	0.75	15	100	60	
MBR3080CT-AU	80	30	275	0.8	15	100	80	
MBR3090CT-AU	90	30	275	0.8	15	100	90	
MBR30100CT-AU	100	30	275	0.8	15	50	100	
MBR30150CT-AU	150	30	275	0.9	15	50	150	
SB4040LDC-AU	40	40	250	0.5	20	400	40	TO-263/D ² PAK
SB4020PT-AU	20	40	350	0.55	20	200	20	TO-3P/TO-247AD
SB4030PT-AU	30	40	350	0.55	20	200	30	
SB4040PT-AU	40	40	350	0.55	20	200	40	
SB4045PT-AU	45	40	350	0.55	20	200	45	
SB4050PT-AU	50	40	350	0.7	20	200	50	
SB4060PT-AU	60	40	350	0.7	20	200	60	

SiC Schottky Barrier Diodes


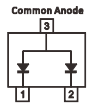
Part Number	V_{RRM}	I_F	$V_F @ I_F$ Typ.	$I_R @ V_R$ Typ.	P_D	Q_C	Package
	V	A	V	μA	W	nC	
SiC02A065T-AU	650	2	1.9	5	68	6	TO-220AC
SiC04A065T-AU	650	4	1.9	6	75	11	
SiC06A065T-AU	650	6	1.9	17	88	12	
SiC08A065T-AU	650	8	1.9	20	100	15.5	
SiC10A065T-AU	650	10	1.9	20	115	18	

FRED


Part Number	I_F	V_{RRM} Max.	t_{rr}^*	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package	Circuit Figure
	A	V	ns	A	V	A	μA	V		
QR1006-AU	10	600	35	190	1.55	10	3	600	TO-220AC	
QR1006F-AU	10	600	35	190	1.55	10	3	600	ITO-220AC	
QR1006D-AU	10	600	35	190	1.55	10	3	600	TO-263/D ² PAK	
QRT1006-AU	10	600	25	140	2.35	10	3	600	TO-220AC	
QRT1006F-AU	10	600	25	140	2.35	10	3	600	ITO-220AC	
QRT1006D-AU	10	600	25	140	2.35	10	3	600	TO-263/D ² PAK	

$I_F=1A, di/dt=100A/\mu s, V_R=30V$

Small Signal Switching Diodes


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	V	mW	ns	A	ms	V	mA	μA	V	pF		
BAS16TS-AU	100	200	6	4	0.001	0.855	10	1	75	2	SOD-523	
MMBD6050WS-AU	80	200	4	4	0.001	1.1	100	0.1	50	2.5	SOD-323	
1SS355-AU	90	200	4	0.5	1000	1.2	100	0.1	80	3		
MMBD914WS-AU	100	200	4	4	0.001	1	10	5	75	4		
BAV16WS-AU	100	250	6	4	0.001	0.855	10	1	75	2		
1N4148WS-AU	100	250	4	4	0.001	1.25	150	2.5	75	1.5		
1N4448WS-AU	100	250	4	4	0.001	1	100	2.5	75	4		
BAV19WS-AU	120	200	50	4	0.001	1	100	0.1	100	5	SOD-123	
BAV21WS-AU	250	200	50	4	0.001	1	100	0.1	200	5		
1N4148W-AU	100	410	4	4	0.001	1.25	150	2.5	75	1.5		
1N4448W-AU	100	500	4	4	0.001	1	100	2.5	75	4		
BAV21W-AU	250	410	50	4	1	1	100	0.1	200	5		
BAS16W-AU	100	200	6	4	0.001	0.855	10	1	75	2		SOT-323
BAS21W-AU	250	200	50	4	0.001	1	100	0.1	200	5	SOT-23	
BAS116-AU	100	250	3000	4	0.001	1.25	150	0.005	75	2		
BAS16-AU	100	350	6	2	0.001	0.855	10	1	75	2		
BAS19-AU	120	350	50	2.5	0.001	1	100	0.1	100	1.5		
BAS20-AU	200	350	50	2.5	0.001	1	100	0.1	150	1.5		
BAS21-AU	250	350	50	2.5	0.001	1	100	0.1	200	1.5		
BAW56W-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5	SOT-323	
BAW56-AU	100	250	4	4	0.001	1.25	150	2.5	75	1.5	SOT-23	
BAW156-AU	100	250	3000	4	0.001	1.25	150	0.005	75	2		SOT-323
BAS21A-AU	250	250	50	4	0.001	1	100	0.1	200	5	SOT-23	
BAV70W-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5		SOT-23
BAV70-AU	100	250	4	4	0.001	1.25	150	2.5	75	1.5	SOT-23	
BAV170-AU	100	250	3000	4	0.001	1.25	150	0.005	75	2		SOT-323
BAS21C-AU	250	250	50	4	0.001	1	100	0.1	200	5	SOT-23	
BAV99W-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5		SOT-23
BAV99-AU	100	250	4	4	0.001	1.25	150	2.5	75	1.5	SOT-23	
BAV199-AU	100	250	3000	4	0.001	1.25	150	0.005	75	2		SOT-323
MMBD3004S-AU	350	410	50	1	1000	1.25	200	0.1	350	5	SOT-23	
BAS21S-AU	250	250	50	4	0.001	1	100	0.1	200	5		SOT-323
BAL99W-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5	SOT-23	
BAL99-AU	100	250	4	4	0.001	1.25	150	2.5	75	1.5		SOT-563
BAV99STB6-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5	SOT-363	
BAV99S-AU	100	200	4	4	0.001	1.25	150	2.5	75	1.5		

General Purpose Rectifiers


Part Number	I_F	V_{RRM} Max.	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package	Circuit Figure
	A	V		V	A	μA	V		
GS1004HE-AU	1	400	30	1.1	1	1	400	SOD-123HE	
GS1006HE-AU	1	600	30	1.1	1	1	600		
GS1000FL-AU	1	50	30	1.1	1	1	50	SOD-123FL	
GS1001FL-AU	1	100	30	1.1	1	1	100		
GS1002FL-AU	1	200	30	1.1	1	1	200		
GS1004FL-AU	1	400	30	1.1	1	1	400		
GS1006FL-AU	1	600	30	1.1	1	1	600		
GS1010FL-AU	1	1000	30	1.1	1	1	1000		
GS1JF-AU	1	600	30	1.1	1	1	600	SMAF	
GS1MF-AU	1	1000	30	1.1	1	1	1000		
GS1A-AU	1	50	30	1.1	1	1	50	SMA/DO-214AC	
GS1B-AU	1	100	30	1.1	1	1	100		
GS1D-AU	1	200	30	1.1	1	1	200		
GS1G-AU	1	400	30	1.1	1	1	400		
GS1J-AU	1	600	30	1.1	1	1	600		
GS1K-AU	1	800	30	1.1	1	1	800		
GS1M-AU	1	1000	30	1.1	1	1	1000		
PG4001-AU	1	50	30	1.1	1	1	50		
PG4002-AU	1	100	30	1.1	1	1	100		
PG4003-AU	1	200	30	1.1	1	1	200		
PG4004-AU	1	400	30	1.1	1	1	400		
PG4005-AU	1	600	30	1.1	1	1	600		
PG4006-AU	1	800	30	1.1	1	1	800		
PG4007-AU	1	1000	30	1.1	1	1	1000		
S2A-AU	2	50	60	1.1	2	1	50	SMB/DO-214AA	
S2B-AU	2	100	60	1.1	2	1	100		
S2D-AU	2	200	60	1.1	2	1	200		
S2G-AU	2	400	60	1.1	2	1	400		
S2J-AU	2	600	60	1.1	2	1	600		
S2K-AU	2	800	60	1.1	2	1	800		
S2M-AU	2	1000	60	1.1	2	1	1000		
S3A-AU	3	50	200	1.2	3	1	50	SMC/DO-214AB	
S3B-AU	3	100	200	1.2	3	1	100		
S3D-AU	3	200	200	1.2	3	1	200		
S3G-AU	3	400	200	1.2	3	1	400		
S3J-AU	3	600	200	1.2	3	1	600		
S3K-AU	3	800	200	1.2	3	1	800		
S3M-AU	3	1000	200	1.2	3	1	1000		
S5A-AU	5	50	275	1.1	5	10	50		
S5B-AU	5	100	275	1.1	5	10	100		
S5D-AU	5	200	275	1.1	5	10	200		
S5G-AU	5	400	275	1.1	5	10	400		
S5J-AU	5	600	275	1.1	5	10	600		




Fast Recovery Rectifiers

Part Number	I_F	V_{RRM} Max.	t_{rr}	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package	Circuit Figure
	A	V	ns	A	V	A	μA	V		
RS1002FL-AU	1	200	150	30	1.3	1	1	200	SOD-123FL	
RS1004FL-AU	1	400	150	30	1.3	1	1	400		
RS1006FL-AU	1	600	250	30	1.3	1	1	600		
RS1008FL-AU	1	800	500	30	1.3	1	1	800		
RS1010FL-AU	1	1000	500	30	1.3	1	1	1000		
RS1A-AU	1	50	150	30	1.3	1	1	50	SMA/DO-214AC	
RS1B-AU	1	100	150	30	1.3	1	1	100		
RS1D-AU	1	200	150	30	1.3	1	1	200		
RS1G-AU	1	400	150	30	1.3	1	1	400		
RS1J-AU	1	600	250	30	1.3	1	1	600		
FR2A-AU	2	50	150	50	1.3	2	1	50	SMB/DO-214AA	
FR2B-AU	2	100	150	50	1.3	2	1	100		
FR2D-AU	2	200	150	50	1.3	2	1	200		
FR2G-AU	2	400	150	50	1.3	2	1	400		
FR2J-AU	2	600	250	50	1.3	2	1	600		


Ultra Fast Recovery Rectifiers

Part Number	I_F	V_{RRM} Max.	t_{rr}	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package	Circuit Figure
	A	V	ns	A	V	A	μA	V		
US1001FL-AU	1	100	50	30	1	1	1	100	SOD-123FL	
US1002FL-AU	1	200	50	30	1	1	1	200		
US1004FL-AU	1	400	50	30	1.4	1	1	400		
US1006FL-AU	1	600	100	30	1.7	1	1	600		
US1008FL-AU	1	800	100	30	1.7	1	1	800		
US1A-AU	1	50	50	30	1	1	1	50	SMA/DO-214AC	
US1B-AU	1	100	50	30	1	1	1	100		
US1D-AU	1	200	50	30	1	1	1	200		
US1G-AU	1	400	50	30	1.3	1	1	400		
US1J-AU	1	600	100	30	1.7	1	1	600	DO-41	
UF100G-AU	1	50	50	30	1	1	1	50		
UF101G-AU	1	100	50	30	1	1	1	100		
UF102G-AU	1	200	50	30	1	1	1	200		
UF104G-AU	1	400	50	30	1.3	1	1	400		
UF106G-AU	1	600	100	30	1.7	1	1	600		
UF108G-AU	1	800	100	30	1.7	1	1	800		
UF1010G-AU	1	1000	100	30	1.7	1	1	1000		

Super Fast Recovery Rectifiers

Part Number	I_F	V_{RRM} Max.	t_{rr}	I_{FSM}	$V_F @ I_F$ Max.		$I_R @ V_R$ Max.		Package	Circuit Figure	
	A	V	ns	A	V	A	μA	V			
ES1001FL-AU	1	100	35	30	0.95	1	1	100	SOD-123FL		
ES1002FL-AU	1	200	35	30	0.95	1	1	200			
ES1004FL-AU	1	400	35	30	1.25	1	1	400			
ES1006FL-AU	1	600	35	30	1.7	1	1	600			
ES1AF-AU	1	50	35	30	0.95	1	1	50	SMAF		
ES1BF-AU	1	100	35	30	0.95	1	1	100			
ES1CF-AU	1	150	35	30	0.95	1	1	150			
ES1DF-AU	1	200	35	30	0.95	1	1	200			
ES1EF-AU	1	300	35	30	1.25	1	1	300			
ES1GF-AU	1	400	35	30	1.25	1	1	400			
ES1JF-AU	1	600	35	30	1.7	1	1	600	SMA/DO-214AC		
ES1A-AU	1	50	35	30	0.95	1	1	50			
ES1B-AU	1	100	35	30	0.95	1	1	100			
ES1C-AU	1	150	35	30	0.95	1	1	150			
ES1D-AU	1	200	35	30	0.95	1	1	200			
ES1E-AU	1	300	35	30	1.25	1	1	300			
ES1G-AU	1	400	35	30	1.25	1	1	400			
ES1J-AU	1	600	35	30	1.7	1	1	600			
ES2A-AU	2	50	35	50	0.95	2	1	50			
ES2B-AU	2	100	35	50	0.95	2	1	100			
ES2C-AU	2	150	35	50	0.95	2	1	150			
ES2D-AU	2	200	35	50	0.95	2	1	200			
ES2E-AU	2	300	35	50	1.25	2	1	300			
ES2G-AU	2	400	35	50	1.25	2	1	400			
ES2J-AU	2	600	35	50	1.7	2	1	600			
ER3A-AU	3	50	35	100	0.95	3	1	50			SMC/DO-214AB
ER3B-AU	3	100	35	100	0.95	3	1	100			
ER3C-AU	3	150	35	100	0.95	3	1	150			
ER3D-AU	3	200	35	100	0.95	3	1	200			
ER3E-AU	3	300	35	100	1.25	3	1	300			
ER3G-AU	3	400	35	100	1.25	3	1	400			
ER3J-AU	3	600	35	100	1.7	3	1	600			


Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{zT} @ I _{ZT} Max.	I _{ZT} mA	Z _{zk} @ I _{zk} Max.	I _{zk} mA	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω		Ω		μA	V		
BZX584C2V4-AU	200	5	2.4	2.28	2.52	100	5	600	1	50	1	SOD-523	
BZX584C2V7-AU	200	5	2.7	2.56	2.84	100	5	600	1	20	1		
BZX584C3-AU	200	5	3	2.85	3.15	95	5	600	1	10	1		
BZX584C3V3-AU	200	5	3.3	3.13	3.47	95	5	600	1	5	1		
BZX584C3V6-AU	200	5	3.6	3.42	3.78	90	5	600	1	5	1		
BZX584C3V9-AU	200	5	3.9	3.7	4.1	90	5	600	1	3	1		
BZX584C4V3-AU	200	5	4.3	4.08	4.52	90	5	600	1	3	1		
BZX584C4V7-AU	200	5	4.7	4.46	4.94	80	5	500	1	3	2		
BZX584C5V1-AU	200	5	5.1	4.84	5.36	60	5	480	1	2	2		
BZX584C5V6-AU	200	5	5.6	5.32	5.88	40	5	400	1	1	2		
BZX584C6V2-AU	200	5	6.2	5.89	6.51	10	5	150	1	3	4		
BZX584C6V8-AU	200	5	6.8	6.46	7.14	15	5	80	1	2	4		
BZX584C7V5-AU	200	5	7.5	7.12	7.88	15	5	80	1	1	5		
BZX584C8V2-AU	200	5	8.2	7.79	8.61	15	5	80	1	0.7	5		
BZX584C8V7-AU	200	5	8.7	8.26	9.14	15	5	100	1	0.7	5		
BZX584C9V1-AU	200	5	9.1	8.64	9.56	15	5	100	1	0.5	6		
BZX584C10-AU	200	5	10	9.5	10.5	20	5	150	1	0.2	7		
BZX584C11-AU	200	5	11	10.45	11.55	20	5	150	1	0.1	8		
BZX584C12-AU	200	5	12	11.4	12.6	25	5	150	1	0.1	8		
BZX584C13-AU	200	5	13	12.35	13.65	30	5	170	1	0.1	8		
BZX584C14-AU	200	5	14	13.3	14.7	30	5	170	1	0.05	10		
BZX584C15-AU	200	5	15	14.25	15.75	30	5	200	1	0.05	10.5		
BZX584C16-AU	200	5	16	15.2	16.8	40	5	200	1	0.05	11.2		
BZX584C17-AU	200	5	17	16.15	17.85	40	5	200	1	0.05	12.2		
BZX584C18-AU	200	5	18	17.1	18.9	45	5	225	1	0.05	12.6		
BZX584C20-AU	200	5	20	19	21	55	5	225	1	0.05	14		
BZX584C22-AU	200	5	22	20.9	23.1	55	5	250	1	0.05	15.4		
BZX584C24-AU	200	5	24	22.8	25.2	70	5	250	1	0.05	16.8		
BZX584C27-AU	200	5	27	25.65	28.35	80	5	300	1	0.05	18.9		
BZX584C28-AU	200	5	28	26.6	29.4	80	5	300	1	0.05	20.5		
BZX584C30-AU	200	5	30	28.5	31.5	80	5	300	1	0.05	21		
BZX584C33-AU	200	5	33	31.35	34.65	80	5	325	1	0.05	23.1		
BZX584C36-AU	200	5	36	34.2	37.8	90	5	350	1	0.05	25.2		
BZX584C39-AU	200	5	39	37.05	40.95	130	5	350	1	0.05	27.3		
BZX584C43-AU	200	5	43	40.85	45.15	150	5	375	1	0.05	30.1		
BZX584C47-AU	200	5	47	44.65	49.35	170	5	375	1	0.05	32.9		
BZX584C51-AU	200	5	51	48.45	53.55	100	5	400	1	0.1	38		
BZX584C56-AU	200	5	56	53.2	58.8	135	2.5	1000	1	0.05	42		
BZX584C62-AU	200	5	62	58.9	65.1	150	2.5	1000	1	0.05	46		
BZX584C68-AU	200	5	68	64.6	71.4	200	2.5	1000	1	0.05	51		
BZX584C75-AU	200	5	75	71.25	78.75	250	2.5	1000	1	0.1	56		
BZT52-B2V4S-AU	200	2	2.4	2.35	2.45	85	5	600	1	100	1	SOD-323	
BZT52-B2V7S-AU	200	2	2.7	2.64	2.76	83	5	600	1	75	1		
BZT52-B3S-AU	200	2	3	2.94	3.06	95	5	600	1	50	1		
BZT52-B3V3S-AU	200	2	3.3	3.23	3.37	95	5	600	1	25	1		
BZT52-B3V6S-AU	200	2	3.6	3.52	3.68	95	5	600	1	15	1		
BZT52-B3V9S-AU	200	2	3.9	3.82	3.98	95	5	600	1	10	1		
BZT52-B4V3S-AU	200	2	4.3	4.21	4.39	95	5	600	1	5	1		
BZT52-B4V7S-AU	200	2	4.7	4.61	4.79	78	5	500	1	5	1		
BZT52-B5V1S-AU	200	2	5.1	5	5.2	60	5	480	1	0.1	0.8		
BZT52-B5V6S-AU	200	2	5.6	5.49	5.71	40	5	400	1	0.1	1		
BZT52-B5V8S-AU	200	2	5.8	5.68	5.92	30	5	300	1	0.1	1.5		



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
Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
BZT52-B6V2S-AU	200	2	6.2	6.08	6.32	10	5	150	1	0.1	2	SOD-323	
BZT52-B6V8S-AU	200	2	6.8	6.66	6.94	8	5	80	1	0.1	3		
BZT52-B7V5S-AU	200	2	7.5	7.35	7.65	7	5	80	1	0.1	5		
BZT52-B8V2S-AU	200	2	8.2	8.04	8.36	7	5	80	1	0.1	6		
BZT52-B8V7S-AU	200	2	8.7	8.53	8.87	7	5	100	1	0.1	6.5		
BZT52-B9V1S-AU	200	2	9.1	8.92	9.28	10	5	100	1	0.1	7		
BZT52-B10S-AU	200	2	10	9.8	10.2	15	5	150	1	0.1	7.5		
BZT52-B11S-AU	200	2	11	10.78	11.22	20	5	150	1	0.1	8.5		
BZT52-B12S-AU	200	2	12	11.76	12.24	20	5	150	1	0.1	9		
BZT52-B13S-AU	200	2	13	12.74	13.26	25	5	170	1	0.1	10		
BZT52-B14S-AU	200	2	14	13.72	14.28	25	5	170	1	0.1	10.5		
BZT52-B15S-AU	200	2	15	14.7	15.3	30	5	200	1	0.1	11		
BZT52-B16S-AU	200	2	16	15.68	16.32	40	5	200	1	0.1	12		
BZT52-B17S-AU	200	2	17	16.66	17.34	40	5	200	1	0.1	13		
BZT52-B18S-AU	200	2	18	17.64	18.36	50	5	225	1	0.1	14		
BZT52-B20S-AU	200	2	20	19.6	20.4	50	5	225	1	0.1	15		
BZT52-B22S-AU	200	2	22	21.56	22.44	55	5	250	1	0.1	17		
BZT52-B24S-AU	200	2	24	23.52	24.48	80	5	250	1	0.1	18		
BZT52-B27S-AU	200	2	27	26.46	27.54	80	5	300	1	0.1	20		
BZT52-B28S-AU	200	2	28	27.44	28.56	80	5	300	1	0.1	22		
BZT52-B30S-AU	200	2	30	29.4	30.6	80	5	300	1	0.1	22.5		
BZT52-B33S-AU	200	2	33	32.34	33.66	80	5	325	1	0.1	25		
BZT52-B36S-AU	200	2	36	35.28	36.72	90	5	350	1	0.1	27		
BZT52-B39S-AU	200	2	39	38.22	39.78	90	5	350	1	0.1	29		
BZT52-B43S-AU	200	2	43	42.14	43.86	100	5	375	1	0.1	32		
BZT52-B47S-AU	200	2	47	46.06	47.94	100	5	375	1	0.1	35		
BZT52-B51S-AU	200	2	51	49.98	52.02	100	5	400	1	0.1	38		
BZT52-B56S-AU	200	2	56	54.88	57.12	135	2.5	1000	1	0.1	42		
BZT52-B62S-AU	200	2	62	60.76	63.24	150	2.5	1000	1	0.1	46		
BZT52-B68S-AU	200	2	68	66.64	69.36	200	2.5	1000	1	0.1	51		
BZT52-B75S-AU	200	2	75	73.5	76.5	250	2.5	1000	1	0.1	56		
BZT52-C2V4S-AU	200	5	2.4	2.28	2.52	85	5	600	1	100	1		
BZT52-C2V7S-AU	200	5	2.7	2.57	2.84	83	5	600	1	75	1		
BZT52-C3S-AU	200	5	3	2.85	3.15	95	5	600	1	50	1		
BZT52-C3V3S-AU	200	5	3.3	3.14	3.47	95	5	600	1	25	1		
BZT52-C3V6S-AU	200	5	3.6	3.42	3.78	95	5	600	1	15	1		
BZT52-C3V9S-AU	200	5	3.9	3.71	4.1	95	5	600	1	10	1		
BZT52-C4V3S-AU	200	5	4.3	4.09	4.52	95	5	600	1	5	1		
BZT52-C4V7S-AU	200	5	4.7	4.47	4.94	78	5	500	1	5	1		
BZT52-C5V1S-AU	200	5	5.1	4.85	5.36	60	5	480	1	0.1	0.8		
BZT52-C5V6S-AU	200	5	5.6	5.32	5.88	40	5	400	1	0.1	1		
BZT52-C6V2S-AU	200	5	6.2	5.89	6.51	10	5	150	1	0.1	2		
BZT52-C6V8S-AU	200	5	6.8	6.46	7.14	8	5	80	1	0.1	3		
BZT52-C7V5S-AU	200	5	7.5	7.13	7.88	7	5	80	1	0.1	5		
BZT52-C8V2S-AU	200	5	8.2	7.79	8.61	7	5	80	1	0.1	6		
BZT52-C8V7S-AU	200	5	8.7	8.27	9.14	7	5	100	1	0.1	6.5		
BZT52-C9V1S-AU	200	5	9.1	8.65	9.56	10	5	100	1	0.1	7		
BZT52-C10S-AU	200	5	10	9.5	10.5	15	5	150	1	0.1	7.5		
BZT52-C11S-AU	200	5	11	10.45	11.55	20	5	150	1	0.1	8.5		
BZT52-C12S-AU	200	5	12	11.4	12.6	20	5	150	1	0.1	9		
BZT52-C13S-AU	200	5	13	12.35	13.65	25	5	170	1	0.1	10		
BZT52-C14S-AU	200	5	14	13.3	14.7	25	5	170	1	0.1	10.5		



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
Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{VT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
BZT52-C15S-AU	200	5	15	14.25	15.75	30	5	200	1	0.1	11	SOD-323	
BZT52-C16S-AU	200	5	16	15.2	16.8	40	5	200	1	0.1	12		
BZT52-C17S-AU	200	5	17	16.15	17.85	40	5	200	1	0.1	13		
BZT52-C18S-AU	200	5	18	17.1	18.9	50	5	225	1	0.1	14		
BZT52-C20S-AU	200	5	20	19	21	50	5	225	1	0.1	15		
BZT52-C22S-AU	200	5	22	20.9	23.1	55	5	250	1	0.1	17		
BZT52-C24S-AU	200	5	24	22.8	25.2	80	5	250	1	0.1	18		
BZT52-C27S-AU	200	5	27	25.65	28.35	80	5	300	1	0.1	20		
BZT52-C28S-AU	200	5	28	26.6	29.4	80	5	300	1	0.1	22		
BZT52-C30S-AU	200	5	30	28.5	31.5	80	5	300	1	0.1	22.5		
BZT52-C33S-AU	200	5	33	31.35	34.65	80	5	325	1	0.1	25		
BZT52-C36S-AU	200	5	36	34.2	37.8	90	5	350	1	0.1	27		
BZT52-C39S-AU	200	5	39	37.05	40.95	90	5	350	1	0.1	29		
BZT52-C43S-AU	200	5	43	40.85	45.15	100	5	375	1	0.1	32		
BZT52-C47S-AU	200	5	47	44.65	49.35	100	5	375	1	0.1	35		
BZT52-C51S-AU	200	5	51	48.45	53.55	100	5	400	1	0.1	38		
BZT52-C56S-AU	200	5	56	53.2	58.8	135	2.5	1000	1	0.1	42		
BZT52-C62S-AU	200	5	62	58.9	65.1	150	2.5	1000	1	0.1	46		
BZT52-C68S-AU	200	5	68	64.6	71.4	200	2.5	1000	1	0.1	51		
BZT52-C75S-AU	200	5	75	71.25	78.75	250	2.5	1000	1	0.1	56		
MMSZ4702WS-AU	200	5	15	14.25	15.75	-	0.05	-	-	0.05	11.4		
MMSZ5229AS-AU	200	2	4.3	4.21	4.39	22	20	2000	0.25	5	1		
MMSZ5230AS-AU	200	2	4.7	4.61	4.79	19	20	1900	0.25	5	2		
MMSZ5231AS-AU	200	2	5.1	5	5.2	17	20	1600	0.25	5	2		
MMSZ5232AS-AU	200	2	5.6	5.49	5.71	11	20	1600	0.25	5	3		
MMSZ5234AS-AU	200	2	6.2	6.08	6.32	7	20	1000	0.25	5	4		
MMSZ5235AS-AU	200	2	6.8	6.66	6.94	5	20	750	0.25	3	5		
MMSZ5236AS-AU	200	2	7.5	7.35	7.65	6	20	500	0.25	3	6		
MMSZ5237AS-AU	200	2	8.2	8.04	8.36	8	20	500	0.25	3	6		
MMSZ5238AS-AU	200	2	8.7	8.53	8.87	8	20	600	0.25	3	6.5		
MMSZ5239AS-AU	200	2	9.1	8.92	9.28	10	20	600	0.25	3	6.5		
MMSZ5240AS-AU	200	2	10	9.8	10.2	17	20	600	0.25	3	8		
MMSZ5241AS-AU	200	2	11	10.78	11.22	22	20	600	0.25	2	8.4		
MMSZ5242AS-AU	200	2	12	11.76	12.24	30	20	600	0.25	1	9.1		
MMSZ5243AS-AU	200	2	13	12.74	13.26	13	9.5	600	0.25	0.5	9.9		
MMSZ5244AS-AU	200	2	14	13.72	14.28	15	9	600	0.25	0.1	10.5		
MMSZ5245AS-AU	200	2	15	14.7	15.3	16	8.5	600	0.25	0.1	11		
MMSZ5246AS-AU	200	2	16	15.68	16.32	17	7.8	600	0.25	0.1	12		
MMSZ5247AS-AU	200	2	17	16.66	17.34	19	7.5	600	0.25	0.1	13		
MMSZ5248AS-AU	200	2	18	17.64	18.36	21	7	600	0.25	0.1	14		
MMSZ5250AS-AU	200	2	20	19.6	20.4	25	6.2	600	0.25	0.1	15		
MMSZ5251AS-AU	200	2	22	21.56	22.44	29	5.6	600	0.25	0.1	17		
MMSZ5252AS-AU	200	2	24	23.52	24.48	33	5.2	600	0.25	0.1	18		
MMSZ5254AS-AU	200	2	27	26.46	27.54	41	5	600	0.25	0.1	21		
MMSZ5255AS-AU	200	2	28	27.44	28.56	44	4.5	600	0.25	0.1	21		
MMSZ5256AS-AU	200	2	30	29.4	30.6	49	4.2	600	0.25	0.1	23		
MMSZ5257AS-AU	200	2	33	32.34	33.66	58	3.8	700	0.25	0.1	25		
MMSZ5258AS-AU	200	2	36	35.28	36.72	70	3.4	700	0.25	0.1	27		
MMSZ5259AS-AU	200	2	39	38.22	39.78	80	3.2	800	0.25	0.1	30		
MMSZ5260AS-AU	200	2	43	42.14	43.86	93	3	900	0.25	0.1	33		
MMSZ5261AS-AU	200	2	47	46.06	47.94	105	2.7	1000	0.25	0.1	36		
MMSZ5262AS-AU	200	2	51	49.98	52.02	125	2.5	1100	0.25	0.1	39		

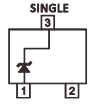
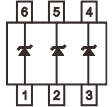
Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{VT} @ I _{ZT} Max.	I _{ZT} mA	Z _{ZK} @ I _{ZK} Max.	I _{ZK} mA	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω		Ω		μA	V		
MMSZ5221BS-AU	200	5	2.4	2.28	2.52	30	20	1200	0.25	100	1	SOD-323	
MMSZ5222BS-AU	200	5	2.5	2.38	2.63	30	20	1250	0.25	100	1		
MMSZ5223BS-AU	200	5	2.7	2.57	2.84	30	20	1300	0.25	75	1		
MMSZ5225BS-AU	200	5	3	2.85	3.15	30	20	1600	0.25	50	1		
MMSZ5226BS-AU	200	5	3.3	3.14	3.47	28	20	1600	0.25	25	1		
MMSZ5227BS-AU	200	5	3.6	3.42	3.78	24	20	1700	0.25	15	1		
MMSZ5228BS-AU	200	5	3.9	3.71	4.1	23	20	1900	0.25	10	1		
MMSZ5229BS-AU	200	5	4.3	4.09	4.52	22	20	2000	0.25	5	1		
MMSZ5230BS-AU	200	5	4.7	4.47	4.94	19	20	1900	0.25	5	2		
MMSZ5231BS-AU	200	5	5.1	4.85	5.36	17	20	1600	0.25	5	2		
MMSZ5232BS-AU	200	5	5.6	5.32	5.88	11	20	1600	0.25	5	3		
MMSZ5234BS-AU	200	5	6.2	5.89	6.51	7	20	1000	0.25	5	4		
MMSZ5235BS-AU	200	5	6.8	6.46	7.14	5	20	750	0.25	3	5		
MMSZ5236BS-AU	200	5	7.5	7.13	7.88	6	20	500	0.25	3	6		
MMSZ5237BS-AU	200	5	8.2	7.79	8.61	8	20	500	0.25	3	6		
MMSZ5238BS-AU	200	5	8.7	8.27	9.14	8	20	600	0.25	3	6.5		
MMSZ5239BS-AU	200	5	9.1	8.65	9.56	10	20	600	0.25	3	6.5		
MMSZ5240BS-AU	200	5	10	9.5	10.5	17	20	600	0.25	3	8		
MMSZ5241BS-AU	200	5	11	10.45	11.55	22	20	600	0.25	2	8.4		
MMSZ5242BS-AU	200	5	12	11.4	12.6	30	20	600	0.25	1	9.1		
MMSZ5243BS-AU	200	5	13	12.35	13.65	13	9.5	600	0.25	0.5	9.9		
MMSZ5244BS-AU	200	5	14	13.3	14.7	15	9	600	0.25	0.1	10.5		
MMSZ5245BS-AU	200	5	15	14.25	15.75	16	8.5	600	0.25	0.1	11		
MMSZ5246BS-AU	200	5	16	15.2	16.8	17	7.8	600	0.25	0.1	12		
MMSZ5247BS-AU	200	5	17	16.15	17.85	19	7.5	600	0.25	0.1	13		
MMSZ5248BS-AU	200	5	18	17.1	18.9	21	7	600	0.25	0.1	14		
MMSZ5250BS-AU	200	5	20	19	21	25	6.2	600	0.25	0.1	15		
MMSZ5251BS-AU	200	5	22	20.9	23.1	29	5.6	600	0.25	0.1	17		
MMSZ5252BS-AU	200	5	24	22.8	25.2	33	5.2	600	0.25	0.1	18		
MMSZ5254BS-AU	200	5	27	25.65	28.35	41	5	600	0.25	0.1	21		
MMSZ5255BS-AU	200	5	28	26.6	29.4	44	4.5	600	0.25	0.1	21		
MMSZ5256BS-AU	200	5	30	28.5	31.5	49	4.2	600	0.25	0.1	23		
MMSZ5257BS-AU	200	5	33	31.35	34.65	58	3.8	700	0.25	0.1	25		
MMSZ5258BS-AU	200	5	36	34.2	37.8	70	3.4	700	0.25	0.1	27		
MMSZ5259BS-AU	200	5	39	37.05	40.95	80	3.2	800	0.25	0.1	30		
MMSZ5260BS-AU	200	5	43	40.85	45.15	93	3	900	0.25	0.1	33		
MMSZ5261BS-AU	200	5	47	44.65	49.35	105	2.7	1000	0.25	0.1	36		
MMSZ5262BS-AU	200	5	51	48.45	53.55	125	2.5	1100	0.25	0.1	39		
BZX84B2V4W-AU	200	5	2.4	2.35	2.45	100	5	600	1	50	1	SOT-323	
BZX84B2V7W-AU	200	5	2.7	2.64	2.75	100	5	600	1	20	1		
BZX84B3W-AU	200	5	3	2.94	3.06	95	5	600	1	10	1		
BZX84B3V3W-AU	200	5	3.3	3.23	3.37	95	5	600	1	5	1		
BZX84B3V6W-AU	200	5	3.6	3.52	3.67	90	5	600	1	5	1		
BZX84B3V9W-AU	200	5	3.9	3.82	3.98	90	5	600	1	3	1		
BZX84B4V3W-AU	200	5	4.3	4.21	4.39	90	5	600	1	3	1		
BZX84B4V7W-AU	200	5	4.7	4.61	4.79	80	5	500	1	3	2		
BZX84B5V1W-AU	200	5	5.1	5	5.2	60	5	480	1	2	2		
BZX84B5V6W-AU	200	5	5.6	5.49	5.71	40	5	400	1	1	2		
BZX84B6V2W-AU	200	5	6.2	6.08	6.32	10	5	150	1	3	4		
BZX84B6V8W-AU	200	5	6.8	6.66	6.94	15	5	80	1	2	4		
BZX84B7V5W-AU	200	5	7.5	7.35	7.65	15	5	80	1	1	5		
BZX84B8V2W-AU	200	5	8.2	8.04	8.36	15	5	80	1	0.7	5		

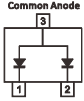

Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{KT} @ I _{ZT} Max.	I _{ZT} mA	Z _{ZK} @ I _{ZK} Max.	I _{ZK} mA	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω		Ω		μA	V		
BZX84B8V7W-AU	200	5	8.7	8.53	8.87	15	5	100	1	0.7	5	SOT-323	
BZX84B9V1W-AU	200	5	9.1	8.92	9.28	15	5	100	1	0.5	6		
BZX84B10W-AU	200	5	10	9.8	10.2	20	5	150	1	0.2	7		
BZX84B11W-AU	200	5	11	10.78	11.22	20	5	150	1	0.1	8		
BZX84B12W-AU	200	5	12	11.76	12.24	25	5	150	1	0.1	8		
BZX84B13W-AU	200	5	13	12.74	13.26	30	5	170	1	0.1	8		
BZX84B14W-AU	200	5	14	13.72	14.28	30	5	170	1	0.1	10		
BZX84B15W-AU	200	5	15	14.7	15.3	30	5	200	1	0.1	10.5		
BZX84B16W-AU	200	5	16	15.68	16.32	40	5	200	1	0.1	11.2		
BZX84B17W-AU	200	2	17	16.66	17.34	40	5	200	1	0.1	12.2		
BZX84B18W-AU	200	2	18	17.64	18.36	45	5	225	1	0.1	12.6		
BZX84B20W-AU	200	2	20	19.6	20.4	55	5	225	1	0.1	14		
BZX84B22W-AU	200	2	22	21.56	22.44	55	5	250	1	0.1	15.4		
BZX84B24W-AU	200	2	24	23.52	24.48	70	5	250	1	0.1	16.8		
BZX84B27W-AU	200	2	27	26.46	27.54	80	5	300	1	0.05	18.9		
BZX84B28W-AU	200	2	28	27.44	28.56	80	5	300	1	0.05	20.5		
BZX84B30W-AU	200	2	30	29.4	30.6	80	5	300	1	0.05	21		
BZX84B33W-AU	200	2	33	32.34	33.66	80	5	325	1	0.05	23.1		
BZX84B36W-AU	200	2	36	35.28	36.72	90	5	350	1	0.05	25.2		
BZX84B39W-AU	200	2	39	38.22	39.78	130	5	350	1	0.05	27.3		
BZX84B43W-AU	200	2	43	42.14	43.86	150	5	375	1	0.1	30.1		
BZX84B47W-AU	200	2	47	46.06	47.94	170	5	375	1	0.1	32.9		
BZX84B51W-AU	200	2	51	49.98	52.02	100	5	400	1	0.1	38		
BZX84B56W-AU	200	2	56	54.88	57.12	135	2.5	1000	1	0.05	42		
BZX84B62W-AU	200	2	62	60.76	63.24	150	2.5	1000	1	0.1	46		
BZX84B68W-AU	200	2	68	66.64	69.36	200	2.5	1000	1	0.1	51		
BZX84B75W-AU	200	2	75	73.5	76.5	250	2.5	1000	1	0.1	56		
BZX84C2V4W-AU	200	5	2.4	2.28	2.52	100	5	600	1	50	1		
BZX84C2V7W-AU	200	5	2.7	2.57	2.84	100	5	600	1	20	1		
BZX84C3W-AU	200	5	3	2.85	3.15	95	5	600	1	10	1		
BZX84C3V3W-AU	200	5	3.3	3.14	3.47	95	5	600	1	5	1		
BZX84C3V6W-AU	200	5	3.6	3.42	3.78	90	5	600	1	5	1		
BZX84C3V9W-AU	200	5	3.9	3.71	4.1	90	5	600	1	3	1		
BZX84C4V3W-AU	200	5	4.3	4.09	4.52	90	5	600	1	3	1		
BZX84C4V7W-AU	200	5	4.7	4.47	4.94	80	5	500	1	3	2		
BZX84C5V1W-AU	200	5	5.1	4.85	5.36	60	5	480	1	2	2		
BZX84C5V6W-AU	200	5	5.6	5.32	5.88	40	5	400	1	1	2		
BZX84C6V2W-AU	200	5	6.2	5.89	6.51	10	5	150	1	3	4		
BZX84C6V8W-AU	200	5	6.8	6.46	7.14	15	5	80	1	2	4		
BZX84C7V5W-AU	200	5	7.5	7.13	7.88	15	5	80	1	1	5		
BZX84C8V2W-AU	200	5	8.2	7.79	8.61	15	5	80	1	0.7	5		
BZX84C8V7W-AU	200	5	8.7	8.27	9.14	15	5	100	1	0.7	5		
BZX84C9V1W-AU	200	5	9.1	8.65	9.56	15	5	100	1	0.5	6		
BZX84C10W-AU	200	5	10	9.5	10.5	20	5	150	1	0.2	7		
BZX84C11W-AU	200	5	11	10.45	11.55	20	5	150	1	0.1	8		
BZX84C12W-AU	200	5	12	11.4	12.6	25	5	150	1	0.1	8		
BZX84C13W-AU	200	5	13	12.35	13.65	30	5	170	1	0.1	8		
BZX84C14W-AU	200	5	14	13.3	14.7	30	5	170	1	0.1	10		
BZX84C15W-AU	200	5	15	14.25	15.75	30	5	200	1	0.1	10.5		
BZX84C16W-AU	200	5	16	15.2	16.8	40	5	200	1	0.1	11.2		
BZX84C17W-AU	200	5	17	16.15	17.85	40	5	200	1	0.1	12.2		
BZX84C18W-AU	200	5	18	17.1	18.9	45	5	225	1	0.1	12.6		


Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT} mA	Z _{ZK} @ I _{ZK} Max.	I _{ZK} mA	I _R @ V _R Max.		Package	Circuit Figure		
			Nom.	Min.	Max.	Ω		Ω		μA	V				
BZX84C20W-AU	200	5	20	19	21	55	5	225	1	0.1	14	SOT-323			
BZX84C22W-AU	200	5	22	20.9	23.1	55	5	250	1	0.1	15.4				
BZX84C24W-AU	200	5	24	22.8	25.2	70	5	250	1	0.1	16.8				
BZX84C27W-AU	200	5	27	25.65	28.35	80	5	300	1	0.05	18.9				
BZX84C28W-AU	200	5	28	26.6	29.4	80	5	300	1	0.05	20.5				
BZX84C30W-AU	200	5	30	28.5	31.5	80	5	300	1	0.05	21				
BZX84C33W-AU	200	5	33	31.35	34.65	80	5	325	1	0.05	23.1				
BZX84C36W-AU	200	5	36	34.2	37.8	90	5	350	1	0.05	25.2				
BZX84C39W-AU	200	5	39	37.05	40.95	130	5	350	1	0.05	27.3				
BZX84C43W-AU	200	5	43	40.85	45.15	150	5	375	1	0.05	30.1				
BZX84C47W-AU	200	5	47	44.65	49.35	170	5	375	1	0.05	32.9				
BZX84C51W-AU	200	5	51	48.45	53.55	100	5	400	1	0.1	38				
BZX84C56W-AU	200	5	56	53.2	58.8	135	2.5	1000	1	0.1	42				
BZX84C62W-AU	200	5	62	58.9	65.1	150	2.5	1000	1	0.1	46				
BZX84C68W-AU	200	5	68	64.6	71.4	200	2.5	1000	1	0.1	51				
BZX84C75W-AU	200	5	75	71.25	78.75	250	2.5	1000	1	0.1	56				
BZX84C2V4TW-AU	200	5	2.4	2.28	2.52	100	5	600	1	50	1			SOT-363	
BZX84C2V7TW-AU	200	5	2.7	2.56	2.84	100	5	600	1	20	1				
BZX84C3V0TW-AU	200	5	3	2.85	3.15	95	5	600	1	10	1				
BZX84C3V3TW-AU	200	5	3.3	3.13	3.47	95	5	600	1	5	1				
BZX84C3V6TW-AU	200	5	3.6	3.42	3.78	90	5	600	1	5	1				
BZX84C3V9TW-AU	200	5	3.9	3.7	4.1	90	5	600	1	3	1				
BZX84C4V3TW-AU	200	5	4.3	4.08	4.52	90	5	600	1	3	1				
BZX84C4V7TW-AU	200	5	4.7	4.46	4.94	80	5	500	1	3	2				
BZX84C5V1TW-AU	200	5	5.1	4.84	5.36	60	5	480	1	2	2				
BZX84C5V6TW-AU	200	5	5.6	5.32	5.88	40	5	400	1	1	2				
BZX84C6V2TW-AU	200	5	6.2	5.89	6.51	10	5	150	1	3	4				
BZX84C6V8TW-AU	200	5	6.8	6.46	7.14	15	5	80	1	2	4				
BZX84C7V5TW-AU	200	5	7.5	7.12	7.88	15	5	80	1	1	5				
BZX84C8V2TW-AU	200	5	8.2	7.79	8.61	15	5	80	1	0.7	5				
BZX84C8V7TW-AU	200	5	8.7	8.26	9.14	15	5	100	1	0.7	5				
BZX84C9V1TW-AU	200	5	9.1	8.64	9.56	15	5	100	1	0.5	6				
BZX84C10TW-AU	200	5	10	9.5	10.5	20	5	150	1	0.2	7				
BZX84C11TW-AU	200	5	11	10.45	11.55	20	5	150	1	0.1	8				
BZX84C12TW-AU	200	5	12	11.4	12.6	25	5	150	1	0.1	8				
BZX84C13TW-AU	200	5	13	12.35	13.65	30	5	170	1	0.1	8				
BZX84C14TW-AU	200	5	14	13.3	14.7	30	5	170	1	0.05	10				
BZX84C15TW-AU	200	5	15	14.25	15.75	30	5	200	1	0.05	10.5				
BZX84C16TW-AU	200	5	16	15.2	16.8	40	5	200	1	0.05	11.2				
BZX84C17TW-AU	200	5	17	16.15	17.85	40	5	200	1	0.05	12.2				
BZX84C18TW-AU	200	5	18	17.1	18.9	45	5	225	1	0.05	12.6				
BZX84C20TW-AU	200	5	20	19	21	55	5	225	1	0.05	14				
BZX84C22TW-AU	200	5	22	20.9	23.1	55	5	250	1	0.05	15.4				
BZX84C24TW-AU	200	5	24	22.8	25.2	70	5	250	1	0.05	16.8				
BZX84C27TW-AU	200	5	27	25.65	28.35	80	5	300	1	0.05	18.9				
BZX84C28TW-AU	200	5	28	26.6	29.4	80	5	300	1	0.05	20.5				
BZX84C30TW-AU	200	5	30	28.5	31.5	80	5	300	1	0.05	21				
BZX84C33TW-AU	200	5	33	31.35	34.65	80	5	325	1	0.05	23.1				
BZX84C36TW-AU	200	5	36	34.2	37.8	90	5	350	1	0.05	25.2				
BZX84C39TW-AU	200	5	39	37.05	40.95	130	5	350	1	0.05	27.3				
BZX84C43TW-AU	200	5	43	40.85	45.15	150	5	375	1	0.05	30.1				
BZX84C47TW-AU	200	5	47	44.65	49.35	170	5	375	1	0.05	32.9				
BZX84C51TW-AU	200	5	51	48.45	53.55	100	5	400	1	0.05	38				
BZX84C56TW-AU	200	5	56	53.2	58.8	135	2.5	1000	1	0.05	42				
BZX84C62TW-AU	200	5	62	58.9	65.1	150	2.5	1000	1	0.05	46				
BZX84C68TW-AU	200	5	68	64.6	71.4	200	2.5	1000	1	0.05	51				
BZX84C75TW-AU	200	5	75	71.25	78.75	250	2.5	1000	1	0.05	56				

Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
AZ23C2V4-AU	300	5	2.4	2.28	2.52	85	5	600	1	100	1	SOT-23	
AZ23C2V7-AU	300	5	2.7	2.57	2.84	83	5	600	1	75	1		
AZ23C3V0-AU	300	5	3	2.85	3.15	95	5	600	1	50	1		
AZ23C3V3-AU	300	5	3.3	3.14	3.47	95	5	600	1	25	1		
AZ23C3V6-AU	300	5	3.6	3.42	3.78	95	5	600	1	15	1		
AZ23C3V9-AU	300	5	3.9	3.71	4.1	95	5	600	1	10	1		
AZ23C4V3-AU	300	5	4.3	4.09	4.52	95	5	600	1	5	1		
AZ23C4V7-AU	300	5	4.7	4.47	4.94	78	5	500	1	5	1		
AZ23C5V1-AU	300	5	5.1	4.85	5.36	60	5	480	1	0.1	0.8		
AZ23C5V6-AU	300	5	5.6	5.32	5.88	40	5	400	1	0.1	1		
AZ23C6V2-AU	300	5	6.2	5.89	6.51	10	5	150	1	0.1	2		
AZ23C6V8-AU	300	5	6.8	6.46	7.14	8	5	80	1	0.1	3		
AZ23C7V5-AU	300	5	7.5	7.13	7.88	7	5	80	1	0.1	5		
AZ23C8V2-AU	300	5	8.2	7.79	8.61	7	5	80	1	0.1	6		
AZ23C9V1-AU	300	5	9.1	8.65	9.56	10	5	100	1	0.1	7		
AZ23C10-AU	300	5	10	9.5	10.5	15	5	150	1	0.1	7.5		
AZ23C11-AU	300	5	11	10.45	11.55	20	5	150	1	0.1	8.5		
AZ23C12-AU	300	5	12	11.4	12.6	20	5	150	1	0.1	9		
AZ23C13-AU	300	5	13	12.35	13.65	25	5	170	1	0.1	10		
AZ23C15-AU	300	5	15	14.25	15.75	30	5	200	1	0.1	11		
AZ23C16-AU	300	5	16	15.2	16.8	40	5	200	1	0.1	12		
AZ23C18-AU	300	5	18	17.1	18.9	50	5	225	1	0.1	14		
AZ23C20-AU	300	5	20	19	21	50	5	225	1	0.1	15		
AZ23C22-AU	300	5	22	20.9	23.1	55	5	250	1	0.1	17		
AZ23C24-AU	300	5	24	22.8	25.2	80	5	250	1	0.1	18		
AZ23C27-AU	300	5	27	25.65	28.35	80	5	300	1	0.1	20		
AZ23C36-AU	300	5	36	34.2	37.8	90	5	350	1	0.1	27		
PDZ4.7B-AU	400	5	4.7	4.55	4.75	90	5	600	1	0.75	1.5	SOD-323	
PDZ5.1B-AU	400	5	5.1	4.96	5.2	60	5	800	0.5	0.75	1.5		
PDZ5.6B-AU	400	5	5.6	5.48	5.73	50	5	400	0.5	0.5	3		
PDZ6.2B-AU	400	5	6.2	6.06	6.33	50	5	80	0.5	0.5	3		
PDZ6.8B-AU	400	5	6.8	6.65	6.93	40	5	60	0.5	0.5	3.5		
PDZ7.5B-AU	400	5	7.5	7.28	7.6	10	5	60	0.5	0.5	4		
PDZ8.2B-AU	400	5	8.2	8.02	8.36	10	5	60	0.5	0.5	5		
PDZ10B-AU	400	5	10	9.77	10.21	10	5	60	0.5	0.1	7		
PDZ11B-AU	400	5	11	10.78	11.22	10	5	60	0.5	0.1	8		
PDZ12B-AU	400	5	12	11.74	12.24	10	5	80	0.5	0.1	9		
PDZ13B-AU	400	5	13	12.91	13.49	10	5	80	0.5	0.1	10		
PDZ14B-AU	400	5	15	14.34	14.98	15	5	80	0.5	0.05	11		
PDZ15B-AU	400	5	16	15.85	16.51	20	5	80	0.5	0.05	12		
PDZ18B-AU	400	5	18	17.56	18.35	20	5	80	0.5	0.05	13		
PDZ20B-AU	400	5	20	19.52	20.39	20	5	100	0.5	0.05	15		
PDZ22B-AU	400	5	22	21.54	22.47	25	5	100	0.5	0.05	17		
PDZ24B-AU	400	5	24	23.72	24.78	30	5	120	0.5	0.05	19		
PDZ27B-AU	400	5	27	26.19	27.53	40	5	150	0.5	0.05	21		
PDZ30B-AU	400	5	30	29.19	30.69	40	5	200	0.5	0.05	23		
PDZ33B-AU	400	5	33	32.15	33.79	40	5	250	0.5	0.05	25		
PDZ36B-AU	400	5	36	35.07	36.87	60	5	300	0.5	0.05	27		

Zener Diodes


Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT} mA	Z _{ZK} @ I _{ZK} Max.	I _{ZK} mA	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω		Ω		μA	V		
BZT52-B2V4-AU	410	2	2.4	2.35	2.45	85	5	600	1	100	1	SOD-123	
BZT52-B2V7-AU	410	2	2.7	2.64	2.75	83	5	600	1	75	1		
BZT52-B3-AU	410	2	3	2.94	3.06	95	5	600	1	50	1		
BZT52-B3V3-AU	410	2	3.3	3.23	3.37	95	5	600	1	25	1		
BZT52-B3V6-AU	410	2	3.6	3.52	3.67	95	5	600	1	15	1		
BZT52-B3V9-AU	410	2	3.9	3.82	3.98	95	5	600	1	10	1		
BZT52-B4V3-AU	410	2	4.3	4.21	4.39	95	5	600	1	5	1		
BZT52-B4V7-AU	410	2	4.7	4.61	4.79	78	5	500	1	5	1		
BZT52-B5V1-AU	410	2	5.1	5	5.2	60	5	480	1	0.1	0.8		
BZT52-B5V6-AU	410	2	5.6	5.49	5.71	40	5	400	1	0.1	1		
BZT52-B6V2-AU	410	2	6.2	6.08	6.32	10	5	150	1	0.1	2		
BZT52-B6V8-AU	410	2	6.8	6.66	6.94	8	5	80	1	0.1	3		
BZT52-B7V5-AU	410	2	7.5	7.35	7.65	7	5	80	1	0.1	5		
BZT52-B8V2-AU	410	2	8.2	8.04	8.36	7	5	80	1	0.1	6		
BZT52-B8V7-AU	410	2	8.7	8.53	8.87	7	5	100	1	0.1	6.5		
BZT52-B9V1-AU	410	2	9.1	8.92	9.28	10	5	100	1	0.1	7		
BZT52-B10-AU	410	2	10	9.8	10.2	15	5	150	1	0.1	7.5		
BZT52-B11-AU	410	2	11	10.78	11.22	20	5	150	1	0.1	8.5		
BZT52-B12-AU	410	2	12	11.76	12.24	20	5	150	1	0.1	9		
BZT52-B13-AU	410	2	13	12.74	13.26	25	5	170	1	0.1	10		
BZT52-B14-AU	410	2	14	13.72	14.28	25	5	170	1	0.1	10.5		
BZT52-B15-AU	410	2	15	14.7	15.3	30	5	200	1	0.1	11		
BZT52-B16-AU	410	2	16	15.68	16.32	40	5	200	1	0.1	12		
BZT52-B17-AU	410	2	17	16.66	17.34	40	5	200	1	0.1	13		
BZT52-B18-AU	410	2	18	17.64	18.36	50	5	225	1	0.1	14		
BZT52-B20-AU	410	2	20	19.6	20.4	50	5	225	1	0.1	15		
BZT52-B22-AU	410	2	22	21.56	22.44	55	5	250	1	0.1	17		
BZT52-B24-AU	410	2	24	23.52	24.48	80	5	250	1	0.1	18		
BZT52-B27-AU	410	2	27	26.46	27.54	80	5	300	1	0.1	20		
BZT52-B28-AU	410	2	28	27.44	28.56	80	5	300	1	0.1	22		
BZT52-B30-AU	410	2	30	29.4	30.6	80	5	300	1	0.1	22.5		
BZT52-B33-AU	410	2	33	32.34	33.66	80	5	325	1	0.1	25		
BZT52-B36-AU	410	2	36	35.28	36.72	90	5	350	1	0.1	27		
BZT52-B39-AU	410	2	39	38.22	39.78	90	5	350	1	0.1	29		
BZT52-B43-AU	410	2	43	42.14	43.86	100	5	375	1	0.1	32		
BZT52-B47-AU	410	2	47	46.06	47.94	100	5	375	1	0.1	35		
BZT52-B51-AU	410	2	51	49.98	52.02	100	5	400	1	0.1	38		
BZT52-B56-AU	410	2	56	54.88	57.12	135	2.5	1000	1	0.1	42		
BZT52-B62-AU	410	2	62	60.76	63.24	150	2.5	1000	1	0.1	46		
BZT52-B68-AU	410	2	68	66.64	69.36	200	2.5	1000	1	0.1	51		
BZT52-B75-AU	410	2	75	73.5	76.5	250	2.5	1000	1	0.1	56		
BZT52-C2V4-AU	410	5	2.4	2.28	2.52	85	5	600	1	100	1		
BZT52-C2V7-AU	410	5	2.7	2.57	2.84	83	5	600	1	75	1		
BZT52-C3-AU	410	5	3	2.85	3.15	95	5	600	1	50	1		
BZT52-C3V3-AU	410	5	3.3	3.14	3.47	95	5	600	1	25	1		
BZT52-C3V6-AU	410	5	3.6	3.42	3.78	95	5	600	1	15	1		
BZT52-C3V9-AU	410	5	3.9	3.71	4.1	95	5	600	1	10	1		
BZT52-C4V3-AU	410	5	4.3	4.09	4.52	95	5	600	1	5	1		
BZT52-C4V7-AU	410	5	4.7	4.47	4.94	78	5	500	1	5	1		
BZT52-C5V1-AU	410	5	5.1	4.85	5.36	60	5	480	1	0.1	0.8		

Zener


Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{VT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
BZT52-C5V6-AU	410	5	5.6	5.32	5.88	40	5	400	1	0.1	1	SOD-123	
BZT52-C6V2-AU	410	5	6.2	5.89	6.51	10	5	150	1	0.1	2		
BZT52-C6V8-AU	410	5	6.8	6.46	7.14	8	5	80	1	0.1	3		
BZT52-C7V5-AU	410	5	7.5	7.13	7.88	7	5	80	1	0.1	5		
BZT52-C8V2-AU	410	5	8.2	7.79	8.61	7	5	80	1	0.1	6		
BZT52-C8V7-AU	410	5	8.7	8.27	9.14	7	5	100	1	0.1	6.5		
BZT52-C9V1-AU	410	5	9.1	8.65	9.56	10	5	100	1	0.1	7		
BZT52-C10-AU	410	5	10	9.5	10.5	15	5	150	1	0.1	7.5		
BZT52-C11-AU	410	5	11	10.45	11.55	20	5	150	1	0.1	8.5		
BZT52-C12-AU	410	5	12	11.4	12.6	20	5	150	1	0.1	9		
BZT52-C13-AU	410	5	13	12.35	13.65	25	5	170	1	0.1	10		
BZT52-C14-AU	410	5	14	13.3	14.7	25	5	170	1	0.1	10.5		
BZT52-C15-AU	410	5	15	14.25	15.75	30	5	200	1	0.1	11		
BZT52-C16-AU	410	5	16	15.2	16.8	40	5	200	1	0.1	12		
BZT52-C17-AU	410	5	17	16.15	17.85	40	5	200	1	0.1	13		
BZT52-C18-AU	410	5	18	17.1	18.9	50	5	225	1	0.1	14		
BZT52-C20-AU	410	5	20	19	21	50	5	225	1	0.1	15		
BZT52-C22-AU	410	5	22	20.9	23.1	55	5	250	1	0.1	17		
BZT52-C24-AU	410	5	24	22.8	25.2	80	5	250	1	0.1	18		
BZT52-C27-AU	410	5	27	25.65	28.35	80	5	300	1	0.1	20		
BZT52-C28-AU	410	5	28	26.6	29.4	80	5	300	1	0.1	22		
BZT52-C30-AU	410	5	30	28.5	31.5	80	5	300	1	0.1	22.5		
BZT52-C33-AU	410	5	33	31.35	34.65	80	5	325	1	0.1	25		
BZT52-C36-AU	410	5	36	34.2	37.8	90	5	350	1	0.1	27		
BZT52-C39-AU	410	5	39	37.05	40.95	90	5	350	1	0.1	29		
BZT52-C43-AU	410	5	43	40.85	45.15	100	5	375	1	0.1	32		
BZT52-C47-AU	410	5	47	44.65	49.35	100	5	375	1	0.1	35		
BZT52-C51-AU	410	5	51	48.45	53.55	100	5	400	1	0.1	38		
BZT52-C56-AU	410	5	56	53.2	58.8	135	2.5	1000	1	0.1	42		
BZT52-C62-AU	410	5	62	58.9	65.1	150	2.5	1000	1	0.1	46		
BZT52-C68-AU	410	5	68	64.6	71.4	200	2.5	1000	1	0.1	51		
BZT52-C75-AU	410	5	75	71.25	78.75	250	2.5	1000	1	0.1	56		
BZX84B2V4-AU	410	2	2.4	2.35	2.45	100	5	600	1	50	1	SOT-23	
BZX84B2V7-AU	410	2	2.7	2.64	2.75	100	5	600	1	20	1		
BZX84B3-AU	410	2	3	2.94	3.06	95	5	600	1	10	1		
BZX84B3V3-AU	410	2	3.3	3.23	3.37	95	5	600	1	5	1		
BZX84B3V6-AU	410	2	3.6	3.52	3.67	90	5	600	1	5	1		
BZX84B3V9-AU	410	2	3.9	3.82	3.98	90	5	600	1	3	1		
BZX84B4V3-AU	410	2	4.3	4.21	4.39	90	5	600	1	3	1		
BZX84B4V7-AU	410	2	4.7	4.61	4.79	80	5	500	1	3	2		
BZX84B5V1-AU	410	2	5.1	5	5.2	60	5	480	1	2	2		
BZX84B5V6-AU	410	2	5.6	5.49	5.71	40	5	400	1	1	2		
BZX84B6V2-AU	410	2	6.2	6.08	6.32	10	5	150	1	3	4		
BZX84B6V8-AU	410	2	6.8	6.66	6.94	15	5	80	1	2	4		
BZX84B7V5-AU	410	2	7.5	7.35	7.65	15	5	80	1	1	5		
BZX84B8V2-AU	410	2	8.2	8.04	8.36	15	5	80	1	0.7	5		
BZX84B8V7-AU	410	2	8.7	8.53	8.87	15	5	100	1	0.7	5		
BZX84B9V1-AU	410	2	9.1	8.92	9.28	15	5	100	1	0.5	6		
BZX84B10-AU	410	2	10	9.8	10.2	20	5	150	1	0.2	7		
BZX84B11-AU	410	2	11	10.78	11.22	20	5	150	1	0.1	8		
BZX84B12-AU	410	2	12	11.76	12.24	25	5	150	1	0.1	8		
BZX84B13-AU	410	2	13	12.74	13.26	30	5	170	1	0.1	8		

Zener Diodes


Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
BZX84B14-AU	410	2	14	13.72	14.28	30	5	170	1	0.1	10	SOT-23	
BZX84B15-AU	410	2	15	14.7	15.3	30	5	200	1	0.1	10.5		
BZX84B16-AU	410	2	16	15.68	16.32	40	5	200	1	0.1	11.2		
BZX84B17-AU	410	2	17	16.66	17.34	40	5	200	1	0.1	12.2		
BZX84B18-AU	410	2	18	17.64	18.36	45	5	225	1	0.1	12.6		
BZX84B20-AU	410	2	20	19.6	20.4	55	5	225	1	0.1	14		
BZX84B22-AU	410	2	22	21.56	22.44	55	5	250	1	0.1	15.4		
BZX84B24-AU	410	2	24	23.52	24.48	70	5	250	1	0.1	16.8		
BZX84B27-AU	410	2	27	26.46	27.54	80	5	300	1	0.05	18.9		
BZX84B28-AU	410	2	28	27.44	28.56	80	5	300	1	0.05	20.5		
BZX84B30-AU	410	2	30	29.4	30.6	80	5	300	1	0.05	21		
BZX84B33-AU	410	2	33	32.34	33.66	80	5	325	1	0.05	23.1		
BZX84B36-AU	410	2	36	35.28	36.72	90	5	350	1	0.05	25.2		
BZX84B39-AU	410	2	39	38.22	39.78	130	5	350	1	0.05	27.3		
BZX84B43-AU	410	2	43	42.14	43.86	150	5	375	1	0.05	30.1		
BZX84B47-AU	410	2	47	46.06	47.94	170	5	375	1	0.05	32.9		
BZX84B51-AU	410	2	51	49.98	52.02	100	5	400	1	0.05	38		
BZX84B56-AU	410	2	56	54.88	57.12	135	2.5	1000	1	0.1	42		
BZX84B62-AU	410	2	62	60.76	63.24	150	2.5	1000	1	0.1	46		
BZX84B68-AU	410	2	68	66.64	69.36	200	2.5	1000	1	0.1	51		
BZX84B75-AU	410	2	75	73.5	76.5	250	2.5	1000	1	0.1	56		
BZX84C2V7-AU	410	5	2.7	2.57	2.84	100	5	600	1	20	1		
BZX84C3-AU	410	5	3	2.85	3.15	95	5	600	1	10	1		
BZX84C3V3-AU	410	5	3.3	3.14	3.47	95	5	600	1	5	1		
BZX84C3V6-AU	410	5	3.6	3.42	3.78	90	5	600	1	5	1		
BZX84C3V9-AU	410	5	3.9	3.71	4.1	90	5	600	1	3	1		
BZX84C4V3-AU	410	5	4.3	4.09	4.52	90	5	600	1	3	1		
BZX84C4V7-AU	410	5	4.7	4.47	4.94	80	5	500	1	3	2		
BZX84C5V1-AU	410	5	5.1	4.85	5.36	60	5	480	1	2	2		
BZX84C5V6-AU	410	5	5.6	5.32	5.88	40	5	400	1	1	2		
BZX84C6V2-AU	410	5	6.2	5.89	6.51	10	5	150	1	3	4		
BZX84C6V8-AU	410	5	6.8	6.46	7.14	15	5	80	1	2	4		
BZX84C7V5-AU	410	5	7.5	7.13	7.88	15	5	80	1	1	5		
BZX84C8V2-AU	410	5	8.2	7.79	8.61	15	5	80	1	0.7	5		
BZX84C8V7-AU	410	5	8.7	8.27	9.14	15	5	100	1	0.7	5		
BZX84C9V1-AU	410	5	9.1	8.65	9.56	15	5	100	1	0.5	6		
BZX84C10-AU	410	5	10	9.5	10.5	20	5	150	1	0.2	7		
BZX84C11-AU	410	5	11	10.45	11.55	20	5	150	1	0.1	8		
BZX84C12-AU	410	5	12	11.4	12.6	25	5	150	1	0.1	8		
BZX84C13-AU	410	5	13	12.35	13.65	30	5	170	1	0.1	8		
BZX84C14-AU	410	5	14	13.3	14.7	30	5	170	1	0.1	10		
BZX84C15-AU	410	5	15	14.25	15.75	30	5	200	1	0.1	10.5		
BZX84C16-AU	410	5	16	15.2	16.8	40	5	200	1	0.1	11.2		
BZX84C17-AU	410	5	17	16.15	17.85	40	5	200	1	0.1	12.2		
BZX84C18-AU	410	5	18	17.1	18.9	45	5	225	1	0.1	12.6		
BZX84C20-AU	410	5	20	19	21	55	5	225	1	0.1	14		
BZX84C22-AU	410	5	22	20.9	23.1	55	5	250	1	0.1	15.4		
BZX84C24-AU	410	5	24	22.8	25.2	70	5	250	1	0.1	16.8		
BZX84C27-AU	410	5	27	25.65	28.35	80	5	300	1	0.05	18.9		
BZX84C28-AU	410	5	28	26.6	29.4	80	5	300	1	0.05	20.5		
BZX84C30-AU	410	5	30	28.5	31.5	80	5	300	1	0.05	21		
BZX84C33-AU	410	5	33	31.35	34.65	80	5	325	1	0.05	23.1		

Zener Diodes

Part Number	P _D mW	V _Z %	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT} mA	Z _{ZK} @ I _{ZK} Max.	I _{ZK} mA	I _R @ V _R Max.		Package	Circuit Figure
			Nom.	Min.	Max.	Ω		Ω		μA	V		
BZX84C36-AU	410	5	36	34.2	37.8	90	5	350	1	0.05	25.2	SOT-23	
BZX84C39-AU	410	5	39	37.05	40.95	130	5	350	1	0.05	27.3		
BZX84C43-AU	410	5	43	40.85	45.15	150	5	375	1	0.1	30.1		
BZX84C47-AU	410	5	47	44.65	49.35	170	5	375	1	0.1	32.9		
BZX84C51-AU	410	5	51	48.45	53.55	100	5	400	1	0.1	38		
BZX84C56-AU	410	5	56	53.2	58.8	135	2.5	1000	1	0.1	42		
BZX84C62-AU	410	5	62	58.9	65.1	150	2.5	1000	1	0.1	46		
BZX84C68-AU	410	5	68	64.6	71.4	200	2.5	1000	1	0.1	51		
BZX84C75-AU	410	5	75	71.25	78.75	250	2.5	1000	1	0.1	56		
MMBZ5228B-AU	410	5	3.9	3.71	4.1	23	20	1900	0.25	10	1		
MMBZ5230B-AU	410	5	4.7	4.47	4.94	19	20	1900	0.25	5	2		
MMBZ5232B-AU	410	5	5.6	5.32	5.88	11	20	1600	0.25	5	3		
MMBZ5234B-AU	410	5	6.2	5.89	6.51	7	20	1000	0.25	5	4		
MMBZ5239B-AU	410	5	9.1	8.65	9.56	10	20	600	0.25	3	6.5		
MMBZ5240B-AU	410	5	10	9.5	10.5	17	20	600	0.25	3	8		
MMBZ5245B-AU	410	5	15	14.25	15.75	16	8.5	600	0.25	0.1	11		
MMBZ5248B-AU	410	5	18	17.1	18.9	21	7	600	0.25	0.1	14		
MMBZ5256B-AU	410	5	30	28.5	31.5	49	4.2	600	0.25	0.1	23		
MMBZ5262B-AU	410	5	51	48.45	53.55	125	2.5	1100	0.25	0.1	39		
MMSZ4687-V-AU	500	5	4.3	4.09	4.52	-	0.05	-	-	4	2		
MMSZ4688-V-AU	500	5	4.7	4.47	4.94	-	0.05	-	-	10	3		
MMSZ4689-V-AU	500	5	5.1	4.85	5.36	-	0.05	-	-	10	3		
MMSZ46895-V-AU	500	5	5.3	5.03	5.57	-	0.05	-	-	4	2		
MMSZ4690-V-AU	500	5	5.6	5.32	5.88	-	0.05	-	-	10	4		
MMSZ4691-V-AU	500	5	6.2	5.89	6.51	-	0.05	-	-	10	5		
MMSZ4692-V-AU	500	5	6.8	6.46	7.14	-	0.05	-	-	10	5.1		
MMSZ4694-V-AU	500	5	8.2	7.79	8.61	-	0.05	-	-	1	6.2		
MMSZ4696-V-AU	500	5	9.1	8.65	9.56	-	0.05	-	-	1	6.9		
MMSZ4697-V-AU	500	5	10	9.5	10.5	-	0.05	-	-	1	7.6		
MMSZ4699-V-AU	500	5	12	11.4	12.6	-	0.05	-	-	0.05	9.1		
MMSZ4700-V-AU	500	5	13	12.4	13.7	-	0.05	-	-	0.05	9.8		
MMSZ4701-V-AU	500	5	14	13.3	14.7	-	0.05	-	-	0.05	10.6		
MMSZ4702-V-AU	500	5	15	14.3	15.8	-	0.05	-	-	0.05	11.4		
MMSZ4703-V-AU	500	5	16	15.2	16.8	-	0.05	-	-	0.05	12.1		
MMSZ4704-V-AU	500	5	17	16.2	17.9	-	0.05	-	-	0.05	12.9		
MMSZ4705-V-AU	500	5	18	17.1	18.9	-	0.05	-	-	0.05	13.6		
MMSZ4707-V-AU	500	5	20	19	21	-	0.05	-	-	0.01	15.2		
MMSZ4708-V-AU	500	5	22	20.9	23.1	-	0.05	-	-	0.01	16.7		
MMSZ4709-V-AU	500	5	24	22.8	25.2	-	0.05	-	-	0.01	18.2		
MMSZ4710-V-AU	500	5	25	23.8	26.3	-	0.05	-	-	0.01	19		
MMSZ4711-V-AU	500	5	27	25.7	28.4	-	0.05	-	-	0.01	20.4		
MMSZ4712-V-AU	500	5	28	26.6	29.4	-	0.05	-	-	0.01	21.2		
MMSZ4713-V-AU	500	5	30	28.5	31.5	-	0.05	-	-	0.01	22.8		
MMSZ4714-V-AU	500	5	33	31.4	34.7	-	0.05	-	-	0.01	25		
MMSZ4715-V-AU	500	5	36	34.2	37.8	-	0.05	-	-	0.01	27.3		
MMSZ4717-V-AU	500	5	43	40.9	45.2	-	0.05	-	-	0.01	32.6		

Zener



Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{VT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
MMSZ5229A-AU	500	2	4.3	4.21	4.39	22	20	2000	0.25	5	1	SOD-123	
MMSZ5230A-AU	500	2	4.7	4.61	4.79	19	20	1900	0.25	5	2		
MMSZ5231A-AU	500	2	5.1	5	5.2	17	20	1600	0.25	5	2		
MMSZ5232A-AU	500	2	5.6	5.49	5.71	11	20	1600	0.25	5	3		
MMSZ5234A-AU	500	2	6.2	6.08	6.32	7	20	1000	0.25	5	4		
MMSZ5235A-AU	500	2	6.8	6.66	6.94	5	20	750	0.25	3	5		
MMSZ5236A-AU	500	2	7.5	7.35	7.65	6	20	500	0.25	3	6		
MMSZ5237A-AU	500	2	8.2	8.04	8.36	8	20	500	0.25	3	6		
MMSZ5238A-AU	500	2	8.7	8.53	8.87	8	20	600	0.25	3	6.5		
MMSZ5239A-AU	500	2	9.1	8.92	9.28	10	20	600	0.25	3	6.5		
MMSZ5240A-AU	500	2	10	9.8	10.2	17	20	600	0.25	3	8		
MMSZ5241A-AU	500	2	11	10.78	11.22	22	20	600	0.25	2	8.4		
MMSZ5242A-AU	500	2	12	11.76	12.24	30	20	600	0.25	1	9.1		
MMSZ5243A-AU	500	2	13	12.74	13.26	13	9.5	600	0.25	0.5	9.9		
MMSZ5244A-AU	500	2	14	13.72	14.28	15	9	600	0.25	0.1	10.5		
MMSZ5245A-AU	500	2	15	14.7	15.3	16	8.5	600	0.25	0.1	11		
MMSZ5246A-AU	500	2	16	15.68	16.32	17	7.8	600	0.25	0.1	12		
MMSZ5247A-AU	500	2	17	16.66	17.34	19	7.5	600	0.25	0.1	13		
MMSZ5248A-AU	500	2	18	17.64	18.36	21	7	600	0.25	0.1	14		
MMSZ5250A-AU	500	2	20	19.6	20.4	25	6.2	600	0.25	0.1	15		
MMSZ5251A-AU	500	2	22	21.56	22.44	29	5.6	600	0.25	0.1	17		
MMSZ5252A-AU	500	2	24	23.52	24.48	33	5	600	0.25	0.1	18		
MMSZ5254A-AU	500	2	27	26.46	27.54	41	5	600	0.25	0.1	21		
MMSZ5255A-AU	500	2	28	27.44	28.56	44	4.5	600	0.25	0.1	21		
MMSZ5256A-AU	500	2	30	29.4	30.6	49	4.2	600	0.25	0.1	23		
MMSZ5257A-AU	500	2	33	32.34	33.66	58	3.8	700	0.25	0.1	25		
MMSZ5258A-AU	500	2	36	35.28	36.72	70	3.4	700	0.25	0.1	27		
MMSZ5259A-AU	500	2	39	38.22	39.78	80	3.2	800	0.25	0.1	30		
MMSZ5260A-AU	500	2	43	42.14	43.86	93	3	900	0.25	0.1	33		
MMSZ5261A-AU	500	2	47	46.06	47.94	105	2.7	1000	0.25	0.1	36		
MMSZ5262A-AU	500	2	51	49.98	52.02	125	2.5	1100	0.25	0.1	39		
MMSZ5221B-AU	500	5	2.4	2.28	2.52	30	20	1200	0.25	100	1		
MMSZ5222B-AU	500	5	2.5	2.38	2.63	30	20	1250	0.25	100	1		
MMSZ5223B-AU	500	5	2.7	2.57	2.84	30	20	1300	0.25	75	1		
MMSZ5224B-AU	500	5	2.8	2.66	2.94	30	20	1400	0.25	75	1		
MMSZ5225B-AU	500	5	3	2.85	3.15	30	20	1600	0.25	50	1		
MMSZ5226B-AU	500	5	3.3	3.14	3.47	28	20	1600	0.25	25	1		
MMSZ5227B-AU	500	5	3.6	3.42	3.78	24	20	1700	0.25	15	1		
MMSZ5228B-AU	500	5	3.9	3.71	4.1	23	20	1900	0.25	10	1		
MMSZ5229B-AU	500	5	4.3	4.09	4.52	22	20	2000	0.25	5	1		
MMSZ5230B-AU	500	5	4.7	4.47	4.94	19	20	1900	0.25	5	2		
MMSZ5231B-AU	500	5	5.1	4.85	5.36	17	20	1600	0.25	5	2		
MMSZ5232B-AU	500	5	5.6	5.32	5.88	11	20	1600	0.25	5	3		
MMSZ5233B-AU	500	5	6	5.7	6.3	7	20	1600	0.25	5	3.5		
MMSZ5234B-AU	500	5	6.2	5.89	6.51	7	20	1000	0.25	5	4		
MMSZ5235B-AU	500	5	6.8	6.46	7.14	5	20	750	0.25	3	5		
MMSZ5236B-AU	500	5	7.5	7.13	7.88	6	20	500	0.25	3	6		
MMSZ5237B-AU	500	5	8.2	7.79	8.61	8	20	500	0.25	3	6		
MMSZ5238B-AU	500	5	8.7	8.27	9.14	8	20	600	0.25	3	6.5		
MMSZ5239B-AU	500	5	9.1	8.65	9.56	10	20	600	0.25	3	6.5		
MMSZ5240B-AU	500	5	10	9.5	10.5	17	20	600	0.25	3	8		
MMSZ5241B-AU	500	5	11	10.45	11.55	22	20	600	0.25	2	8.4		




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Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{VT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure	
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V			
MMSZ5242B-AU	500	5	12	11.4	12.6	30	20	600	0.25	1	9.1	SOD-123		
MMSZ5243B-AU	500	5	13	12.35	13.65	13	9.5	600	0.25	0.5	9.9			
MMSZ5244B-AU	500	5	14	13.3	14.7	15	9	600	0.25	0.1	10.5			
MMSZ5245B-AU	500	5	15	14.25	15.75	16	8.5	600	0.25	0.1	11			
MMSZ5246B-AU	500	5	16	15.2	16.8	17	7.8	600	0.25	0.1	12			
MMSZ5247B-AU	500	5	17	16.15	17.85	19	7.5	600	0.25	0.1	13			
MMSZ5248B-AU	500	5	18	17.1	18.9	21	7	600	0.25	0.1	14			
MMSZ5249B-AU	500	5	19	18.05	19.95	23	6.6	600	0.25	0.1	14			
MMSZ5250B-AU	500	5	20	19	21	25	6.2	600	0.25	0.1	15			
MMSZ5251B-AU	500	5	22	20.9	23.1	29	5.6	600	0.25	0.1	17			
MMSZ5252B-AU	500	5	24	22.8	25.2	33	5.2	600	0.25	0.1	18			
MMSZ5253B-AU	500	5	25	23.75	26.25	35	5	600	0.25	0.1	19			
MMSZ5254B-AU	500	5	27	25.65	28.35	41	5	600	0.25	0.1	21			
MMSZ5255B-AU	500	5	28	26.6	29.4	44	4.5	600	0.25	0.1	21			
MMSZ5256B-AU	500	5	30	28.5	31.5	49	4.2	600	0.25	0.1	23			
MMSZ5257B-AU	500	5	33	31.35	34.65	58	3.8	700	0.25	0.1	25			
MMSZ5258B-AU	500	5	36	34.2	37.8	70	3.4	700	0.25	0.1	27			
MMSZ5259B-AU	500	5	39	37.05	40.95	80	3.2	800	0.25	0.1	30			
MMSZ5260B-AU	500	5	43	40.85	45.15	93	3	900	0.25	0.1	33			
MMSZ5261B-AU	500	5	47	44.65	49.35	105	2.7	1000	0.25	0.1	36			
MMSZ5262B-AU	500	5	51	48.45	53.55	125	2.5	1100	0.25	0.1	39			
1SMA4736-AU	1000	5	6.8	6.46	7.14	3.5	37	700	1	5	4	SMA/DO-214AC		
1SMA4737-AU	1000	5	7.5	7.12	7.88	4	34	700	0.5	5	5			
1SMA4738-AU	1000	5	8.2	7.79	8.61	4.5	31	700	0.5	5	6			
1SMA4739-AU	1000	5	9.1	8.64	9.56	5	28	700	0.5	0.5	7			
1SMA4740-AU	1000	5	10	9.5	10.5	7	25	700	0.25	0.5	7.6			
1SMA4741-AU	1000	5	11	10.45	11.55	8	23	700	0.25	0.1	8.4			
1SMA4742-AU	1000	5	12	11.4	12.6	9	21	700	0.25	0.1	9.1			
1SMA4743-AU	1000	5	13	12.35	13.65	10	19	700	0.25	0.1	9.9			
1SMA4744-AU	1000	5	15	14.25	15.75	14	17	700	0.25	0.1	11.4			
1SMA4745-AU	1000	5	16	15.2	16.8	16	15.5	700	0.25	0.1	12.2			
1SMA4746-AU	1000	5	18	17.1	18.9	20	14	750	0.25	0.1	13.7			
1SMA4747-AU	1000	5	20	19	21	22	12.5	750	0.25	0.1	15.2			
1SMA4748-AU	1000	5	22	20.9	23.1	23	11.5	750	0.25	0.1	16.7			
1SMA4749-AU	1000	5	24	22.8	25.2	25	10.5	750	0.25	0.1	18.2			
1SMA4750-AU	1000	5	27	25.65	28.35	35	9.5	750	0.25	0.1	20.6			
1SMA4751-AU	1000	5	30	28.5	31.5	40	8.5	1000	0.25	0.1	22.8			
1SMA4752-AU	1000	5	33	31.35	34.65	45	7.5	1000	0.25	0.1	25.1			
1SMA4753-AU	1000	5	36	34.2	37.8	50	7	1000	0.25	0.1	27.4			
1SMA4754-AU	1000	5	39	37.05	40.95	60	6.5	1000	0.25	0.1	29.7			
1SMA4755-AU	1000	5	43	40.85	45.15	70	6	1500	0.25	0.1	32.7			
1SMA4756-AU	1000	5	47	44.65	49.35	80	5.5	1500	0.25	0.1	35.8			
1SMA4757-AU	1000	5	51	48.45	53.55	95	5	1500	0.25	0.1	38.8			
1SMA5921-AU	1500	5	6.8	6.46	7.14	2.5	55.1	200	1	5	5.2			
1SMA5922-AU	1500	5	7.5	7.12	7.88	3	50	400	0.5	5	6			
1SMA5923-AU	1500	5	8.2	7.79	8.61	3.5	45.7	400	0.5	5	6.5			
1SMA5924-AU	1500	5	9.1	8.64	9.56	4	41.2	500	0.5	5	7			
1SMA5925-AU	1500	5	10	9.5	10.5	4.5	37.5	500	0.25	5	8			
1SMA5926-AU	1500	5	11	10.45	11.55	5.5	34.1	550	0.25	1	8.4			
1SMA5927-AU	1500	5	12	11.4	12.6	6.5	31.2	550	0.25	1	9.1			
1SMA5928-AU	1500	5	13	12.35	13.65	7	28.8	550	0.25	1	9.9			
1SMA5929-AU	1500	5	15	14.25	15.75	9	25	600	0.25	1	11.4			


Zener Diodes

Part Number	P _D	V _Z	V _Z @ I _{ZT} (V)			Z _{ZT} @ I _{ZT} Max.	I _{ZT}	Z _{ZK} @ I _{ZK} Max.	I _{ZK}	I _R @ V _R Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
1SMA5930-AU	1500	5	16	15.2	16.8	10	23.4	600	0.25	1	12.2	SMA/DO-214AC	
1SMA5931-AU	1500	5	18	17.1	18.9	12	20.8	650	0.25	1	13.7		
1SMA5932-AU	1500	5	20	19	21	14	18.7	650	0.25	1	15.2		
1SMA5933-AU	1500	5	22	20.9	23.1	17.5	17	650	0.25	1	16.7		
1SMA5934-AU	1500	5	24	22.8	25.2	19	15.6	700	0.25	1	18.2		
1SMA5935-AU	1500	5	27	25.65	28.35	23	13.9	700	0.25	1	20.6		
1SMA5936-AU	1500	5	30	28.5	31.5	26	12.5	750	0.25	1	22.8		
1SMA5937-AU	1500	5	33	31.35	34.65	33	11.4	800	0.25	1	25.1		
1SMA5938-AU	1500	5	36	34.2	37.8	38	10.4	850	0.25	1	27.4		
1SMA5939-AU	1500	5	39	37.05	40.95	45	9.6	900	0.25	1	29.7		
1SMA5940-AU	1500	5	43	40.85	45.15	53	8.7	950	0.25	1	32.7		
1SMA5941-AU	1500	5	47	44.65	49.35	67	8	1000	0.25	1	35.8		
1SMA5942-AU	1500	5	51	48.45	53.55	70	7.3	1100	0.25	1	38.8		
1SMB5921-AU	1500	5	6.8	6.46	7.14	2.5	55.1	200	1	5	5.2		
1SMB5922-AU	1500	5	7.5	7.12	7.88	3	50	400	0.5	5	6		
1SMB5923-AU	1500	5	8.2	7.79	8.61	3.5	45.7	400	0.5	5	6.5		
1SMB5924-AU	1500	5	9.1	8.64	9.56	4	41.2	500	0.5	5	7		
1SMB5925-AU	1500	5	10	9.5	10.5	4.5	37.5	500	0.25	5	8		
1SMB5926-AU	1500	5	11	10.45	11.55	5.5	34.1	550	0.25	1	8.4		
1SMB5927-AU	1500	5	12	11.4	12.6	6.5	31.2	550	0.25	1	9.1		
1SMB5928-AU	1500	5	13	12.35	13.65	7	28.8	550	0.25	1	9.9		
1SMB5929-AU	1500	5	15	14.25	15.75	9	25	600	0.25	1	11.4		
1SMB5930-AU	1500	5	16	15.2	16.8	10	23.4	600	0.25	1	12.2		
1SMB5931-AU	1500	5	18	17.1	18.9	12	20.8	650	0.25	1	13.7		
1SMB5932-AU	1500	5	20	19	21	14	18.7	650	0.25	1	15.2		
1SMB5933-AU	1500	5	22	20.9	23.1	17.5	17	650	0.25	1	16.7		
1SMB5934-AU	1500	5	24	22.8	25.2	19	15.6	700	0.25	1	18.2		
1SMB5935-AU	1500	5	27	25.65	28.35	23	13.9	700	0.25	1	20.6		
1SMB5936-AU	1500	5	30	28.5	31.5	26	12.5	750	0.25	1	22.8		
1SMB5937-AU	1500	5	33	31.35	34.65	33	11.4	800	0.25	1	25.1		
1SMB5938-AU	1500	5	36	34.2	37.8	38	10.4	850	0.25	1	27.4		
1SMB5939-AU	1500	5	39	37.05	40.95	45	9.6	900	0.25	1	29.7		
1SMB5940-AU	1500	5	43	40.85	45.15	53	8.7	950	0.25	1	32.7		
1SMB5941-AU	1500	5	47	44.65	49.35	67	8	1000	0.25	1	35.8		
1SMB5942-AU	1500	5	51	48.45	53.55	70	7.3	1100	0.25	1	38.8		
1SMB3EZ4.7-AU	3000	5	4.7	4.46	4.94	2	79.8	500	1	5	1.5		
1SMB3EZ5.6-AU	3000	5	5.6	5.32	5.88	2	134	700	1	5	3		
1SMB3EZ6.2-AU	3000	5	6.2	5.89	6.51	2	120	700	1	5	4		
1SMB3EZ6.8-AU	3000	5	6.8	6.46	7.14	2	110	700	1	5	4		
1SMB3EZ7.5-AU	3000	5	7.5	7.12	7.88	2	100	700	0.5	5	5		
1SMB3EZ8.2-AU	3000	5	8.2	7.79	8.61	2.3	91	700	0.5	5	6		
1SMB3EZ8.7-AU	3000	5	8.7	8.26	9.14	2.4	85	700	0.5	4	6.6		
1SMB3EZ9.1-AU	3000	5	9.1	8.64	9.56	2.5	82	700	0.5	3	7		
1SMB3EZ10-AU	3000	5	10	9.5	10.5	3.5	75	700	0.25	3	7.6		
1SMB3EZ11-AU	3000	5	11	10.45	11.55	4	68	700	0.25	1	8.4		
1SMB3EZ12-AU	3000	5	12	11.4	12.6	4.5	63	700	0.25	1	9.1		
1SMB3EZ13-AU	3000	5	13	12.35	13.65	4.5	58	700	0.25	0.5	9.9		
1SMB3EZ14-AU	3000	5	14	13.3	14.7	5	53	700	0.25	0.5	10.6		
1SMB3EZ15-AU	3000	5	15	14.25	15.75	5.5	50	700	0.25	0.5	11.4		
1SMB3EZ16-AU	3000	5	16	15.2	16.8	5.5	47	700	0.25	0.5	12.2		
1SMB3EZ17-AU	3000	5	17	16.15	17.85	6	44	750	0.25	0.5	13		
1SMB3EZ18-AU	3000	5	18	17.1	18.9	6	42	750	0.25	0.5	13.7		



Zener

Zener Diodes

Part Number	P_D	V_Z	$V_Z @ I_{ZT}$ (V)			$Z_{ZT} @ I_{ZT}$ Max.	I_{ZT}	$Z_{ZK} @ I_{ZK}$ Max.	I_{ZK}	$I_R @ V_R$ Max.		Package	Circuit Figure
	mW	%	Nom.	Min.	Max.	Ω	mA	Ω	mA	μA	V		
1SMB3EZ19-AU	3000	5	19	18.05	19.95	7	40	750	0.25	0.5	14.4	SMB/DO-214AA	
1SMB3EZ20-AU	3000	5	20	19	21	7	37	750	0.25	0.5	15.2		
1SMB3EZ22-AU	3000	5	22	20.9	23.1	8	34	750	0.25	0.5	16.7		
1SMB3EZ24-AU	3000	5	24	22.8	25.2	9	31	750	0.25	0.5	18.2		
1SMB3EZ25-AU	3000	5	25	23.75	26.25	9.5	30	750	0.25	0.5	19		
1SMB3EZ27-AU	3000	5	27	25.65	28.35	10	28	750	0.25	0.5	20.6		
1SMB3EZ28-AU	3000	5	28	26.6	29.4	12	27	750	0.25	0.5	21.3		
1SMB3EZ30-AU	3000	5	30	28.5	31.5	16	25	1000	0.25	0.5	22.5		
1SMB3EZ33-AU	3000	5	33	31.35	34.65	20	23	1000	0.25	0.5	25.1		
1SMB3EZ36-AU	3000	5	36	34.2	37.8	22	21	1000	0.25	0.5	27.4		
1SMB3EZ39-AU	3000	5	39	37.05	40.95	28	19	1000	0.25	0.5	29.7		
1SMB3EZ43-AU	3000	5	43	40.85	45.15	33	17	1500	0.25	0.5	32.7		
1SMB3EZ47-AU	3000	5	47	44.65	49.35	38	16	1500	0.25	0.5	35.8		
1SMB3EZ51-AU	3000	5	51	48.45	53.55	45	15	1500	0.25	0.5	38.8		

ESD Arrays

Part Number	UNI/BI	Ch.	V_{RWM}	V_{BR}	$I_R @ V_{RWM}$	$V_C @ I_{PP}$	I_{PP}	C_j	Package	Circuit Figure
			Max.	Min.	Max.	Max.				
			V	V	μA	V	A	pF		
PJSD03TS-AU	UNI	1	3.3	4	200	6.5	5	200	SOD-523	
PJSD05TS-02-AU	UNI	1	5	6	1	14	15	160		
PJSD05TS-AU	UNI	1	5	6	5	9	5	110		
PJSD07TS-AU	UNI	1	7	7.5	0.15	22.7	8.8	85		
PJSD08TS-AU	UNI	1	8	8.5	5	13	5	70		
PJSD12TS-AU	UNI	1	12	13.3	5	17	5	60		
PJSD15TS-AU	UNI	1	15	16.6	5	22	5	50		
PJSD24TS-AU	UNI	1	24	26.7	5	32	3	25		
PJSD36TS-AU	UNI	1	36	40	5	55	1	20		
PJSD08W-AU	UNI	1	8	8.5	10	13.4	1	180	SOD-323	
PJSD36W-AU	UNI	1	36	39.9	1	60	1	40		
PJDLC05-AU	UNI	2	5	6	20	11	5	1	SOT-23	
PJDLC15-AU	UNI	2	15	16.7	1	30	5	1.2		
PJMBZ5V6-AU	UNI	2	3.3	5.13	5	9	20	90		
PJMBZ6V2-AU	UNI	2	4.3	5.89	0.5	9.5	20	70		
PJMBZ6V8-AU	UNI	2	5	6.46	0.5	10	20	100		
PJE5V0U8TB-AU	UNI	2	5	5.8	1	15	4	0.8		
PJESD6V2LC-4-AU	UNI	4	4.3	5.89	0.5	-	-	10	SOT-23 5L	
PJESD6V8LC-4-AU	UNI	4	5	6.37	0.5	-	-	10		
PJE5UFN10A-AU	UNI	4	5	6	1	13	2.5	0.8	DFN2510-10L	
PJSD05LCTM-AU	BI	1	5	5.78	1	12.5	2	15	SOD-923	
PJEC2415VM1WS-AU	BI	1	24	25.4	0.05	50	3	17	SOD-323	
PJGBLC03-AU	UNI	1	3	4.75	20	7.5	1	3		
PJGBLC05-AU	UNI	1	5	7.03	5	9.8	1	3		
PJGBLC08-AU	UNI	1	8	8.93	1	13.4	1	3		
PJGBLC12-AU	UNI	1	12	13.97	1	19	1	3		
PJGBLC15-AU	UNI	1	15	17.39	1	24	1	3		
PJGBLC24-AU	UNI	1	24	27.27	1	43	1	3		
PJGBLC03C-AU	BI	1	3	4.75	20	7.5	1	3		
PJGBLC05C-AU	BI	1	5	7.03	5	9.8	1	3		
PJGBLC08C-AU	BI	1	8	8.93	1	13.4	1	3	SOD-323	
PJGBLC12C-AU	BI	1	12	13.97	1	19	1	3		
PJGBLC15C-AU	BI	1	15	17.39	1	24	1	3		
PJGBLC24C-AU	BI	1	24	27.27	1	43	1	3		
PJGBLC24C-AU	BI	1	24	27.27	1	43	1	3		

ESD Arrays

Part Number	UNI/BI	Ch.	V_{RWM}	V_{BR}	$I_R @ V_{RWM}$	$V_C @ I_{PP}$	I_{PP}	C_J	Package	Circuit Figure
			Max.	Min.	Max.	Max.		Max.		
			V	V	μA	V	A	pF		
PJE5V0V1DW-AU	UNI	4	5	6	0.5	20	3	1	SOT-363	
PJSRV05W-4W6-AU	UNI	4	5	6	3	10	5	1.2		
PJSRV05-4-AU	UNI	4	5	6	5	17	5	1.2		
PJUSB208-AU	UNI	4	70	85	1	-	-	1	SOT-23 6L	
PJUSB208R-AU	UNI	4	70	85	1	-	-	1		
PJSDA6V1BC6-AU	BI	4	5	6.2	1	11	10	90		
PJEC12VM1TA-AU	BI	2	12	14	0.05	25	3	10	SOT-23	
PJMBZ15V-AU	UNI	2	12	14.3	0.1	24	6	80		
PJMBZ27V-AU	UNI	2	22	25.65	0.05	36	4	50		
PJSOT36-AU	UNI	1	36	40	1	51	9	80		

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P4SMAJ5.0-AU	UNI	400	5	6.4	7.55	10	800	9.6	41.6	SMA/DO-214AC
P4SMAJ5.0A-AU	UNI	400	5	6.4	7.25	10	800	9.2	43.5	
P4SMAJ6.0-AU	UNI	400	6	6.67	8.45	10	800	11.4	35.1	
P4SMAJ6.0A-AU	UNI	400	6	6.67	7.67	10	800	10.3	38.8	
P4SMAJ6.5-AU	UNI	400	6.5	7.22	9.14	10	500	12.3	32.5	
P4SMAJ6.5A-AU	UNI	400	6.5	7.22	8.3	10	500	11.2	35.7	
P4SMAJ7.0-AU	UNI	400	7	7.78	9.86	10	200	13.3	30.1	
P4SMAJ7.0A-AU	UNI	400	7	7.78	8.95	10	200	12	33.3	
P4SMAJ7.5-AU	UNI	400	7.5	8.33	10.67	1	100	14.3	28	
P4SMAJ7.5A-AU	UNI	400	7.5	8.33	9.58	1	100	12.9	31	
P4SMAJ8.0-AU	UNI	400	8	8.89	11.3	1	50	15	26.5	
P4SMAJ8.0A-AU	UNI	400	8	8.89	10.23	1	50	13.6	29.4	
P4SMAJ8.5-AU	UNI	400	8.5	9.44	11.92	1	10	15.9	25.1	
P4SMAJ8.5A-AU	UNI	400	8.5	9.44	10.82	1	10	14.4	27.7	
P4SMAJ9.0-AU	UNI	400	9	10	12.6	1	5	16.9	23.6	
P4SMAJ9.0A-AU	UNI	400	9	10	11.5	1	5	15.4	26	
P4SMAJ10-AU	UNI	400	10	11.1	14.1	1	5	18.8	21.2	
P4SMAJ10A-AU	UNI	400	10	11.1	12.8	1	5	17	23.5	
P4SMAJ11-AU	UNI	400	11	12.2	15.4	1	1	20.1	20	
P4SMAJ11A-AU	UNI	400	11	12.2	14	1	1	18.2	22	
P4SMAJ12-AU	UNI	400	12	13.3	16.9	1	1	22	18.1	
P4SMAJ12A-AU	UNI	400	12	13.3	15.3	1	1	19.9	20.1	
P4SMAJ13-AU	UNI	400	13	14.4	18.2	1	1	23.8	16.8	
P4SMAJ13A-AU	UNI	400	13	14.4	16.5	1	1	21.5	18.6	
P4SMAJ14-AU	UNI	400	14	15.6	19.8	1	1	25.8	15.5	
P4SMAJ14A-AU	UNI	400	14	15.6	17.9	1	1	23.2	17.2	
P4SMAJ15-AU	UNI	400	15	16.7	21.1	1	1	26.9	14.8	
P4SMAJ15A-AU	UNI	400	15	16.7	19.2	1	1	24.4	16.4	
P4SMAJ16-AU	UNI	400	16	17.8	22.6	1	1	28.8	13.8	
P4SMAJ16A-AU	UNI	400	16	17.8	20.5	1	1	26	15.3	
P4SMAJ17-AU	UNI	400	17	18.9	23.9	1	1	30.5	13.1	
P4SMAJ17A-AU	UNI	400	17	18.9	21.7	1	1	27.6	14.5	
P4SMAJ18-AU	UNI	400	18	20	25.3	1	1	32.2	12.4	
P4SMAJ18A-AU	UNI	400	18	20	23.3	1	1	29.2	13.7	
P4SMAJ20-AU	UNI	400	20	22.2	28.1	1	1	35.8	11.1	
P4SMAJ20A-AU	UNI	400	20	22.2	25.5	1	1	32.4	12.3	
P4SMAJ22-AU	UNI	400	22	24.4	30.9	1	1	39.4	10.1	
P4SMAJ22A-AU	UNI	400	22	24.4	28	1	1	35.5	11.2	
P4SMAJ24-AU	UNI	400	24	26.7	33.8	1	1	43	9.3	
P4SMAJ24A-AU	UNI	400	24	26.7	30.7	1	1	38.9	10.3	
P4SMAJ26-AU	UNI	400	26	28.9	36.6	1	1	46.6	8.6	
P4SMAJ26A-AU	UNI	400	26	28.9	33.2	1	1	42.1	9.5	
P4SMAJ28-AU	UNI	400	28	31.1	39.4	1	1	50	8	
P4SMAJ28A-AU	UNI	400	28	31.1	35.8	1	1	45.4	8.8	
P4SMAJ30-AU	UNI	400	30	33.3	42.2	1	1	53.5	7.5	
P4SMAJ30A-AU	UNI	400	30	33.3	38.3	1	1	48.4	8.3	
P4SMAJ33-AU	UNI	400	33	36.7	46.5	1	1	59	6.8	
P4SMAJ33A-AU	UNI	400	33	36.7	42.2	1	1	53.3	7.5	
P4SMAJ36-AU	UNI	400	36	40	50.7	1	1	64.3	6.2	
P4SMAJ36A-AU	UNI	400	36	40	46	1	1	58.1	6.9	
P4SMAJ40-AU	UNI	400	40	44.4	56.3	1	1	71.4	5.6	
P4SMAJ40A-AU	UNI	400	40	44.4	51.1	1	1	64.5	6.2	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P4SMAJ43-AU	UNI	400	43	47.8	60.5	1	5	76.7	5.2	SMA/DO-214AC
P4SMAJ43A-AU	UNI	400	43	47.8	54.9	1	5	69.4	5.7	
P4SMAJ45-AU	UNI	400	45	50	63.3	1	5	80.3	5	
P4SMAJ45A-AU	UNI	400	45	50	57.5	1	5	72.7	5.5	
P4SMAJ48-AU	UNI	400	48	53.3	67.5	1	5	85.5	4.7	
P4SMAJ48A-AU	UNI	400	48	53.3	61.3	1	5	77.4	5.2	
P4SMAJ51-AU	UNI	400	51	56.7	71.8	1	5	91.1	4.4	
P4SMAJ51A-AU	UNI	400	51	56.7	65.2	1	5	82.4	4.9	
P4SMAJ54-AU	UNI	400	54	60	76	1	5	96.3	4.2	
P4SMAJ54A-AU	UNI	400	54	60	69	1	5	87.1	4.6	
P4SMAJ58-AU	UNI	400	58	64.4	81.6	1	5	103	3.9	
P4SMAJ58A-AU	UNI	400	58	64.4	74.1	1	5	93.6	4.3	
P4SMAJ60-AU	UNI	400	60	66.7	84.5	1	5	107	3.7	
P4SMAJ60A-AU	UNI	400	60	66.7	76.7	1	5	96.8	4.1	
P4SMAJ64-AU	UNI	400	64	71.1	90.1	1	5	114	3.5	
P4SMAJ64A-AU	UNI	400	64	71.1	81.8	1	5	103	3.9	
P4SMAJ70-AU	UNI	400	70	77.8	98.6	1	5	125	3.2	
P4SMAJ70A-AU	UNI	400	70	77.8	89.5	1	5	113	3.5	
P4SMAJ75-AU	UNI	400	75	83.3	105.7	1	5	134	3	
P4SMAJ75A-AU	UNI	400	75	83.3	95.8	1	5	121	3.3	
P4SMAJ78-AU	UNI	400	78	86.7	109.8	1	5	139	2.9	
P4SMAJ78A-AU	UNI	400	78	86.7	99.7	1	5	126	3.2	
P4SMAJ85-AU	UNI	400	85	94.4	119.2	1	5	151	2.6	
P4SMAJ85A-AU	UNI	400	85	94.4	108.2	1	5	137	2.9	
P4SMAJ90-AU	UNI	400	90	100	126.5	1	5	160	2.5	
P4SMAJ90A-AU	UNI	400	90	100	115.5	1	5	146	2.7	
P4SMAJ100-AU	UNI	400	100	111	141	1	5	179	2.2	
P4SMAJ100A-AU	UNI	400	100	111	128	1	5	162	2.5	
P4SMAJ110-AU	UNI	400	110	122	154.5	1	5	196	2	
P4SMAJ110A-AU	UNI	400	110	122	140.5	1	5	177	2.3	
P4SMAJ120-AU	UNI	400	120	133	169	1	5	214	1.9	
P4SMAJ120A-AU	UNI	400	120	133	153	1	5	193	2	
P4SMAJ130-AU	UNI	400	130	144	182.5	1	5	231	1.7	
P4SMAJ130A-AU	UNI	400	130	144	165.5	1	5	209	1.9	
P4SMAJ150-AU	UNI	400	150	167	211.5	1	5	268	1.5	
P4SMAJ150A-AU	UNI	400	150	167	192.5	1	5	243	1.6	
P4SMAJ160-AU	UNI	400	160	178	226	1	5	287	1.4	
P4SMAJ160A-AU	UNI	400	160	178	205	1	5	259	1.5	
P4SMAJ170-AU	UNI	400	170	189	239.5	1	5	304	1.3	
P4SMAJ170A-AU	UNI	400	170	189	217.5	1	5	275	1.4	
P4SMAJ180-AU	UNI	400	180	198	253.8	1	5	322	1.2	
P4SMAJ180A-AU	UNI	400	180	198	230.4	1	5	292	1.3	
P4SMAJ190-AU	UNI	400	190	209	267.9	1	5	340	1.2	
P4SMAJ190A-AU	UNI	400	190	209	243.2	1	5	308	1.3	
P4SMAJ200-AU	UNI	400	200	220	282	1	5	358	1.1	
P4SMAJ200A-AU	UNI	400	200	220	256	1	5	324	1.2	
P4SMAJ210-AU	UNI	400	210	231	296.1	1	5	376	1.1	
P4SMAJ210A-AU	UNI	400	210	231	268.8	1	5	340	1.2	
P4SMAJ220-AU	UNI	400	220	242	310.2	1	5	394	1	
P4SMAJ220A-AU	UNI	400	220	242	281.6	1	5	356	1.1	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P6SMB6.8-AU	UNI	600	5.5	6.12	7.48	10	1000	10.8	56	SMB/DO-214AA
P6SMB6.8A-AU	UNI	600	5.8	6.45	7.14	10	1000	10.5	57	
P6SMB7.5-AU	UNI	600	6.05	6.75	8.25	10	500	11.7	51	
P6SMB7.5A-AU	UNI	600	6.4	7.13	7.88	10	500	11.3	53	
P6SMB8.2-AU	UNI	600	6.63	7.38	9.02	10	200	12.5	48	
P6SMB8.2A-AU	UNI	600	7.02	7.79	8.61	10	200	12.1	50	
P6SMB9.1-AU	UNI	600	7.37	8.19	10	1	50	13.8	44	
P6SMB9.1A-AU	UNI	600	7.78	8.65	9.5	1	50	13.4	45	
P6SMB10-AU	UNI	600	8.1	9	11	1	10	15	40	
P6SMB10A-AU	UNI	600	8.55	9.5	10.5	1	10	14.5	41	
P6SMB11-AU	UNI	600	8.92	9.9	12.1	1	5	16.2	37	
P6SMB11A-AU	UNI	600	9.4	10.5	11.6	1	5	15.6	38	
P6SMB12-AU	UNI	600	9.72	10.8	13.2	1	5	17.3	35	
P6SMB12A-AU	UNI	600	10.2	11.4	12.6	1	5	16.7	36	
P6SMB13-AU	UNI	600	10.5	11.7	14.3	1	1	19	32	
P6SMB13A-AU	UNI	600	11.1	12.4	13.7	1	1	18.2	33	
P6SMB15A-AU	UNI	600	12.8	14.3	15.8	1	1	21.2	28	
P6SMB16A-AU	UNI	600	13.6	15.2	16.8	1	1	22.5	27	
P6SMB18A-AU	UNI	600	15.3	17.1	18.9	1	1	25.2	24	
P6SMB20A-AU	UNI	600	17.1	19	21	1	1	27.7	22	
P6SMB22A-AU	UNI	600	18.8	20.9	23.1	1	1	30.6	20	
P6SMB24A-AU	UNI	600	20.5	22.8	25.2	1	1	33.2	18	
P6SMB27A-AU	UNI	600	23.1	25.7	28.4	1	1	37.5	16	
P6SMB43A-AU	UNI	600	36.8	40.9	45.2	1	1	59.3	10.1	
P6SMB47A-AU	UNI	600	40.2	44.7	49.4	1	1	64.8	9.3	
P6SMB51A-AU	UNI	600	43.6	48.5	53.6	1	1	70.1	8.6	
P6SMB56A-AU	UNI	600	47.8	53.2	58.8	1	1	77	7.8	
P6SMB62A-AU	UNI	600	53	58.9	65.1	1	1	85	7.1	
P6SMB68A-AU	UNI	600	58.1	64.6	71.4	1	1	92	6.5	
P6SMB75A-AU	UNI	600	64.1	71.3	78.8	1	1	103	5.8	
P6SMB82A-AU	UNI	600	70.1	77.9	86.1	1	1	113	5.3	
P6SMB91A-AU	UNI	600	77.8	86.5	95.5	1	1	125	4.8	
P6SMB100-AU	UNI	600	81	90	110	1	1	144	4.2	
P6SMB100A-AU	UNI	600	85.5	95	105	1	1	137	4.4	
P6SMB110-AU	UNI	600	89.2	99	121	1	1	158	3.8	
P6SMB110A-AU	UNI	600	94	105	116	1	1	152	4	
P6SMB120-AU	UNI	600	97.2	108	132	1	1	173	3.5	
P6SMB120A-AU	UNI	600	102	114	126	1	1	165	3.6	
P6SMB130-AU	UNI	600	105	117	143	1	1	187	3.2	
P6SMB130A-AU	UNI	600	111	124	137	1	1	179	3.3	
P6SMB150-AU	UNI	600	121	135	165	1	1	215	2.8	
P6SMB150A-AU	UNI	600	128	143	158	1	1	207	2.9	
P6SMB160-AU	UNI	600	130	144	176	1	1	230	2.6	
P6SMB160A-AU	UNI	600	136	152	168	1	1	219	2.7	
P6SMB170-AU	UNI	600	138	153	187	1	1	244	2.5	
P6SMB170A-AU	UNI	600	145	162	179	1	1	234	2.6	
P6SMB180-AU	UNI	600	146	162	198	1	1	258	2.3	
P6SMB180A-AU	UNI	600	154	171	189	1	1	246	2.4	
P6SMB200A-AU	UNI	600	171	190	210	1	1	274	2.2	
P6SMB220-AU	UNI	600	175	198	242	1	1	344	1.8	
P6SMB220A-AU	UNI	600	185	209	231	1	1	328	1.9	
P6SMB250-AU	UNI	600	202	225	275	1	1	360	1.7	
P6SMB250A-AU	UNI	600	214	237	263	1	1	344	1.8	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P6SMBJ5.0-AU	UNI	600	5	6.4	7.55	10	800	9.6	62.5	SMB/DO-214AA
P6SMBJ5.0A-AU	UNI	600	5	6.4	7.25	10	800	9.2	65.2	
P6SMBJ6.0-AU	UNI	600	6	6.67	8.45	10	800	11.4	52.6	
P6SMBJ6.0A	UNI	600	6	6.67	7.67	10	800	10.3	58.3	
P6SMBJ6.5	UNI	600	6.5	7.22	9.14	10	500	12.3	48.7	
P6SMBJ6.5A	UNI	600	6.5	7.22	8.3	10	500	11.2	53.6	
P6SMBJ7.0-AU	UNI	600	7	7.78	9.86	10	200	13.3	45.1	
P6SMBJ7.0A-AU	UNI	600	7	7.78	8.95	10	200	12	50	
P6SMBJ7.5-AU	UNI	600	7.5	8.33	10.67	1	100	14.3	42	
P6SMBJ7.5A-AU	UNI	600	7.5	8.33	9.58	1	100	12.9	46.5	
P6SMBJ8.0-AU	UNI	600	8	8.89	11.3	1	50	15	40	
P6SMBJ8.0A-AU	UNI	600	8	8.89	10.23	1	50	13.6	44.1	
P6SMBJ8.5-AU	UNI	600	8.5	9.44	11.92	1	10	15.9	37.7	
P6SMBJ8.5A-AU	UNI	600	8.5	9.44	10.82	1	10	14.4	41.7	
P6SMBJ9.0-AU	UNI	600	9	10	12.6	1	5	16.9	35.5	
P6SMBJ9.0A-AU	UNI	600	9	10	11.5	1	5	15.4	39	
P6SMBJ10-AU	UNI	600	10	11.1	14.1	1	5	18.8	31.9	
P6SMBJ10A-AU	UNI	600	10	11.1	12.8	1	5	17	35.3	
P6SMBJ11-AU	UNI	600	11	12.2	15.4	1	1	20.1	29.9	
P6SMBJ11A-AU	UNI	600	11	12.2	14	1	1	18.2	33	
P6SMBJ12-AU	UNI	600	12	13.3	16.9	1	1	22	27.3	
P6SMBJ12A-AU	UNI	600	12	13.3	15.3	1	1	19.9	30.2	
P6SMBJ13-AU	UNI	600	13	14.4	18.2	1	1	23.8	25.2	
P6SMBJ13A-AU	UNI	600	13	14.4	16.5	1	1	21.5	27.9	
P6SMBJ14-AU	UNI	600	14	15.6	19.8	1	1	25.8	23.3	
P6SMBJ14A-AU	UNI	600	14	15.6	17.9	1	1	23.2	25.8	
P6SMBJ15-AU	UNI	600	15	16.7	21.1	1	1	26.9	22.3	
P6SMBJ15A-AU	UNI	600	15	16.7	19.2	1	1	24.4	24	
P6SMBJ16-AU	UNI	600	16	17.8	22.6	1	1	28.8	20.8	
P6SMBJ16A-AU	UNI	600	16	17.8	20.5	1	1	26	23.1	
P6SMBJ17-AU	UNI	600	17	18.9	23.9	1	1	30.5	19.7	
P6SMBJ17A-AU	UNI	600	17	18.9	21.7	1	1	27.6	21.7	
P6SMBJ18-AU	UNI	600	18	20	25.3	1	1	32.2	18.6	
P6SMBJ18A-AU	UNI	600	18	20	23.3	1	1	29.2	20.5	
P6SMBJ20-AU	UNI	600	20	22.2	28.1	1	1	35.8	16.7	
P6SMBJ20A-AU	UNI	600	20	22.2	25.5	1	1	32.4	18.5	
P6SMBJ22-AU	UNI	600	22	24.4	30.9	1	1	39.4	15.2	
P6SMBJ22A-AU	UNI	600	22	24.4	28	1	1	35.5	16.9	
P6SMBJ24-AU	UNI	600	24	26.7	33.8	1	1	43	14	
P6SMBJ24A-AU	UNI	600	24	26.7	30.7	1	1	38.9	15.4	
P6SMBJ26-AU	UNI	600	26	28.9	36.6	1	1	46.6	12.4	
P6SMBJ26A-AU	UNI	600	26	28.9	33.2	1	1	42.1	14.2	
P6SMBJ28-AU	UNI	600	28	31.1	39.4	1	1	50	12	
P6SMBJ28A-AU	UNI	600	28	31.1	35.8	1	1	45.4	13.2	
P6SMBJ30-AU	UNI	600	30	33.3	42.2	1	1	53.5	11.2	
P6SMBJ30A-AU	UNI	600	30	33.3	38.3	1	1	48.4	12.4	
P6SMBJ33-AU	UNI	600	33	36.7	46.5	1	1	59	10.2	
P6SMBJ33A-AU	UNI	600	33	36.7	42.2	1	1	53.3	11.3	
P6SMBJ36-AU	UNI	600	36	40	50.7	1	1	64.3	9.3	
P6SMBJ36A-AU	UNI	600	36	40	46	1	1	58.1	10.3	
P6SMBJ40-AU	UNI	600	40	44.4	56.3	1	1	71.4	8.4	
P6SMBJ40A-AU	UNI	600	40	44.4	51.1	1	1	64.5	9.3	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P6SMBJ43-AU	UNI	600	43	47.8	60.5	1	1	76.7	7.8	SMB/DO-214AA
P6SMBJ43A-AU	UNI	600	43	47.8	54.9	1	1	69.4	8.6	
P6SMBJ45-AU	UNI	600	45	50	63.3	1	1	80.3	7.5	
P6SMBJ45A-AU	UNI	600	45	50	57.5	1	1	72.7	8.3	
P6SMBJ48-AU	UNI	600	48	53.3	67.5	1	1	85.5	7	
P6SMBJ48A-AU	UNI	600	48	53.3	61.3	1	1	77.4	7.7	
P6SMBJ51-AU	UNI	600	51	56.7	71.8	1	1	91.1	6.6	
P6SMBJ51A-AU	UNI	600	51	56.7	65.2	1	1	82.4	7.3	
P6SMBJ54-AU	UNI	600	54	60	76	1	1	96.3	6.2	
P6SMBJ54A-AU	UNI	600	54	60	69	1	1	87.1	6.9	
P6SMBJ58-AU	UNI	600	58	64.4	81.6	1	1	103	5.8	
P6SMBJ58A-AU	UNI	600	58	64.4	74.1	1	1	93.6	6.4	
P6SMBJ60-AU	UNI	600	60	66.7	84.5	1	1	107	5.6	
P6SMBJ60A-AU	UNI	600	60	66.7	76.7	1	1	96.8	6.2	
P6SMBJ64-AU	UNI	600	64	71.1	90.1	1	1	114	5.3	
P6SMBJ64A-AU	UNI	600	64	71.1	81.8	1	1	103	5.8	
P6SMBJ70-AU	UNI	600	70	77.8	98.6	1	1	125	4.8	
P6SMBJ70A-AU	UNI	600	70	77.8	89.5	1	1	113	5.3	
P6SMBJ75-AU	UNI	600	75	83.3	105.7	1	1	134	4.5	
P6SMBJ75A-AU	UNI	600	75	83.3	95.8	1	1	121	4.9	
P6SMBJ78-AU	UNI	600	78	86.7	109.8	1	1	139	4.3	
P6SMBJ78A-AU	UNI	600	78	86.7	99.7	1	1	126	4.7	
P6SMBJ85-AU	UNI	600	85	94.4	119.2	1	1	151	3.9	
P6SMBJ85A-AU	UNI	600	85	94.4	108.2	1	1	137	4.4	
P6SMBJ90-AU	UNI	600	90	100	126.5	1	1	160	3.8	
P6SMBJ90A-AU	UNI	600	90	100	115.5	1	1	146	4.1	
P6SMBJ100-AU	UNI	600	100	111	141	1	1	179	3.4	
P6SMBJ100A-AU	UNI	600	100	111	128	1	1	162	3.7	
P6SMBJ110-AU	UNI	600	110	122	154.5	1	1	196	3	
P6SMBJ110A-AU	UNI	600	110	122	140.5	1	1	177	3.4	
P6SMBJ120-AU	UNI	600	120	133	169	1	1	214	2.8	
P6SMBJ120A-AU	UNI	600	120	133	153	1	1	193	3.1	
P6SMBJ130-AU	UNI	600	130	144	182.5	1	1	231	2.6	
P6SMBJ130A-AU	UNI	600	130	144	165.5	1	1	209	2.9	
P6SMBJ150-AU	UNI	600	150	167	211.5	1	1	268	2.2	
P6SMBJ150A-AU	UNI	600	150	167	192.5	1	1	243	2.5	
P6SMBJ160-AU	UNI	600	160	178	226	1	1	287	2.1	
P6SMBJ160A-AU	UNI	600	160	178	205	1	1	259	2.3	
P6SMBJ170-AU	UNI	600	170	189	239.5	1	1	304	2	
P6SMBJ170A-AU	UNI	600	170	189	217.5	1	1	275	2.2	
P6SMBJ180-AU	UNI	600	180	198	253.8	1	1	322	1.9	
P6SMBJ180A-AU	UNI	600	180	198	230.4	1	1	292	2.1	
P6SMBJ190-AU	UNI	600	190	209	267.9	1	1	340	1.8	
P6SMBJ190A-AU	UNI	600	190	209	243.2	1	1	308	2	
P6SMBJ200-AU	UNI	600	200	220	282	1	1	358	1.7	
P6SMBJ200A-AU	UNI	600	200	220	256	1	1	324	1.9	
P6SMBJ210-AU	UNI	600	210	231	296.1	1	1	376	1.6	
P6SMBJ210A-AU	UNI	600	210	231	268.8	1	1	340	1.8	
P6SMBJ220-AU	UNI	600	220	242	310.2	1	1	394	1.5	
P6SMBJ220A-AU	UNI	600	220	242	281.6	1	1	356	1.7	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMC6.8-AU	UNI	1500	5.5	6.12	7.48	10	1000	10.8	139	SMC/DO-214AB
1.5SMC6.8A-AU	UNI	1500	5.8	6.45	7.14	10	1000	10.5	143	
1.5SMC7.5-AU	UNI	1500	6.05	6.75	8.25	10	500	11.7	128	
1.5SMC7.5A-AU	UNI	1500	6.4	7.13	7.88	10	500	11.3	132	
1.5SMC8.2-AU	UNI	1500	6.63	7.38	9.02	10	200	12.5	120	
1.5SMC8.2A-AU	UNI	1500	7.02	7.79	8.61	10	200	12.1	124	
1.5SMC9.1-AU	UNI	1500	7.37	8.19	10	1	50	13.8	109	
1.5SMC9.1A-AU	UNI	1500	7.78	8.65	9.5	1	50	13.4	112	
1.5SMC10-AU	UNI	1500	8.1	9	11	1	10	15	100	
1.5SMC10A-AU	UNI	1500	8.55	9.5	10.5	1	10	14.5	103	
1.5SMC11-AU	UNI	1500	8.92	9.9	12.1	1	5	16.2	93	
1.5SMC11A-AU	UNI	1500	9.4	10.5	11.6	1	5	15.6	96	
1.5SMC12-AU	UNI	1500	9.72	10.8	13.2	1	5	17.3	87	
1.5SMC12A-AU	UNI	1500	10.2	11.4	12.6	1	5	16.7	90	
1.5SMC13-AU	UNI	1500	10.5	11.7	14.3	1	1	19	79	
1.5SMC13A-AU	UNI	1500	11.1	12.4	13.7	1	1	18.2	82	
1.5SMC15-AU	UNI	1500	12.1	13.5	16.5	1	1	22	68	
1.5SMC15A-AU	UNI	1500	12.8	14.3	15.8	1	1	21.2	71	
1.5SMC16A-AU	UNI	1500	13.6	15.2	16.8	1	1	22.5	67	
1.5SMC18A-AU	UNI	1500	15.3	17.1	18.9	1	1	25.2	59.5	
1.5SMC20A-AU	UNI	1500	17.1	19	21	1	1	27.7	54	
1.5SMC22A-AU	UNI	1500	18.8	20.9	23.1	1	1	30.6	49	
1.5SMC24A-AU	UNI	1500	20.5	22.8	25.2	1	1	33.2	45	
1.5SMC27A-AU	UNI	1500	23.1	25.7	28.4	1	1	37.5	40	
1.5SMC43A-AU	UNI	1500	36.8	40.9	45.2	1	1	59.3	25.3	
1.5SMC47A-AU	UNI	1500	40.2	44.7	49.4	1	1	64.8	23.2	
1.5SMC51A-AU	UNI	1500	43.6	48.5	53.6	1	1	70.1	21.4	
1.5SMC56A-AU	UNI	1500	47.8	53.2	58.8	1	1	77	19.5	
1.5SMC62A-AU	UNI	1500	53	58.9	65.1	1	1	85	17.7	
1.5SMC68A-AU	UNI	1500	58.1	64.6	71.4	1	1	92	16.3	
1.5SMC75A-AU	UNI	1500	64.1	71.3	78.8	1	1	103	14.6	
1.5SMC82A-AU	UNI	1500	70.1	77.9	86.1	1	1	113	13.3	
1.5SMC91A-AU	UNI	1500	77.8	86.5	95.5	1	1	125	12	
1.5SMC100-AU	UNI	1500	81	90	110	1	1	144	10.4	
1.5SMC100A-AU	UNI	1500	85.5	95	105	1	1	137	11	
1.5SMC110-AU	UNI	1500	89.2	99	121	1	1	158	9.5	
1.5SMC110A-AU	UNI	1500	94	105	116	1	1	152	9.9	
1.5SMC120-AU	UNI	1500	97.2	108	132	1	1	173	8.7	
1.5SMC120A-AU	UNI	1500	102	114	126	1	1	165	9.1	
1.5SMC130-AU	UNI	1500	105	117	143	1	1	187	8	
1.5SMC130A-AU	UNI	1500	111	124	137	1	1	179	8.4	
1.5SMC150-AU	UNI	1500	121	135	165	1	1	215	7	
1.5SMC150A-AU	UNI	1500	128	143	158	1	1	207	7.2	
1.5SMC160-AU	UNI	1500	130	144	176	1	1	230	6.5	
1.5SMC160A-AU	UNI	1500	136	152	168	1	1	219	6.8	
1.5SMC170-AU	UNI	1500	138	153	187	1	1	244	6.2	
1.5SMC170A-AU	UNI	1500	145	162	179	1	1	234	6.4	
1.5SMC180-AU	UNI	1500	146	162	198	1	1	258	5.8	
1.5SMC180A-AU	UNI	1500	154	171	189	1	1	246	6.1	
1.5SMC200A-AU	UNI	1500	171	190	210	1	1	274	5.5	
1.5SMC220-AU	UNI	1500	175	198	242	1	1	344	4.3	
1.5SMC220A-AU	UNI	1500	185	209	231	1	1	328	4.6	
1.5SMC250-AU	UNI	1500	202	225	275	1	1	360	4.3	
1.5SMC250A-AU	UNI	1500	214	237	263	1	1	344	4.5	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMCJ5.0-AU	UNI	1500	5	6.4	7.55	10	1000	9.6	156.2	SMC/DO-214AB
1.5SMCJ5.0A-AU	UNI	1500	5	6.4	7.25	10	1000	9.2	163	
1.5SMCJ6.0-AU	UNI	1500	6	6.67	8.45	10	1000	11.4	131.6	
1.5SMCJ6.0A-AU	UNI	1500	6	6.67	7.67	10	1000	10.3	145.6	
1.5SMCJ6.5-AU	UNI	1500	6.5	7.22	9.14	10	500	12.3	122	
1.5SMCJ6.5A-AU	UNI	1500	6.5	7.22	8.3	10	500	11.2	133.9	
1.5SMCJ7.0-AU	UNI	1500	7	7.78	9.86	10	200	13.3	112.8	
1.5SMCJ7.0A-AU	UNI	1500	7	7.78	8.95	10	200	12	125	
1.5SMCJ7.5-AU	UNI	1500	7.5	8.33	10.67	1	100	14.3	104.9	
1.5SMCJ7.5A-AU	UNI	1500	7.5	8.33	9.58	1	100	12.9	116.3	
1.5SMCJ8.0-AU	UNI	1500	8	8.89	11.3	1	50	15	100	
1.5SMCJ8.0A-AU	UNI	1500	8	8.89	10.23	1	50	13.6	110.3	
1.5SMCJ8.5-AU	UNI	1500	8.5	9.44	11.92	1	25	15.9	94.3	
1.5SMCJ8.5A-AU	UNI	1500	8.5	9.44	10.82	1	25	14.4	104.2	
1.5SMCJ9.0-AU	UNI	1500	9	10	12.6	1	10	16.9	88.7	
1.5SMCJ9.0A-AU	UNI	1500	9	10	11.5	1	10	15.4	97.4	
1.5SMCJ10-AU	UNI	1500	10	11.1	14.1	1	5	18.8	79.8	
1.5SMCJ10A-AU	UNI	1500	10	11.1	12.8	1	5	17	88.2	
1.5SMCJ11-AU	UNI	1500	11	12.2	15.4	1	1	20.1	74.6	
1.5SMCJ11A-AU	UNI	1500	11	12.2	14	1	1	18.2	82.4	
1.5SMCJ12-AU	UNI	1500	12	13.3	16.9	1	1	22	68.2	
1.5SMCJ12A-AU	UNI	1500	12	13.3	15.3	1	1	19.9	75.3	
1.5SMCJ13-AU	UNI	1500	13	14.4	18.2	1	1	23.8	63	
1.5SMCJ13A-AU	UNI	1500	13	14.4	16.5	1	1	21.5	69.7	
1.5SMCJ14-AU	UNI	1500	14	15.6	19.8	1	1	25.8	58.1	
1.5SMCJ14A-AU	UNI	1500	14	15.6	17.9	1	1	23.2	64.7	
1.5SMCJ15-AU	UNI	1500	15	16.7	21.1	1	1	26.9	55.8	
1.5SMCJ15A-AU	UNI	1500	15	16.7	19.2	1	1	24.4	61.5	
1.5SMCJ16-AU	UNI	1500	16	17.8	22.6	1	1	28.8	52.1	
1.5SMCJ16A-AU	UNI	1500	16	17.8	20.5	1	1	26	57.7	
1.5SMCJ17-AU	UNI	1500	17	18.9	23.9	1	1	30.5	49.2	
1.5SMCJ17A-AU	UNI	1500	17	18.9	21.7	1	1	27.6	53.3	
1.5SMCJ18-AU	UNI	1500	18	20	25.3	1	1	32.2	46.6	
1.5SMCJ18A-AU	UNI	1500	18	20	23.3	1	1	29.2	51.4	
1.5SMCJ20-AU	UNI	1500	20	22.2	28.1	1	1	35.8	41.9	
1.5SMCJ20A-AU	UNI	1500	20	22.2	25.5	1	1	32.4	46.3	
1.5SMCJ22-AU	UNI	1500	22	24.4	30.9	1	1	39.4	38.1	
1.5SMCJ22A-AU	UNI	1500	22	24.4	28	1	1	35.5	42.2	
1.5SMCJ24-AU	UNI	1500	24	26.7	33.8	1	1	43	34.9	
1.5SMCJ24A-AU	UNI	1500	24	26.7	30.7	1	1	38.9	38.6	
1.5SMCJ26-AU	UNI	1500	26	28.9	36.6	1	1	46.6	32.2	
1.5SMCJ26A-AU	UNI	1500	26	28.9	33.2	1	1	42.1	35.6	
1.5SMCJ28-AU	UNI	1500	28	31.1	39.4	1	1	50	30	
1.5SMCJ28A-AU	UNI	1500	28	31.1	35.8	1	1	45.4	33	
1.5SMCJ30-AU	UNI	1500	30	33.3	42.2	1	1	53.5	28	
1.5SMCJ30A-AU	UNI	1500	30	33.3	38.3	1	1	48.4	31	
1.5SMCJ33-AU	UNI	1500	33	36.7	46.5	1	1	59	25.2	
1.5SMCJ33A-AU	UNI	1500	33	36.7	42.2	1	1	53.3	28.1	
1.5SMCJ36-AU	UNI	1500	36	40	50.7	1	1	64.3	23.3	
1.5SMCJ36A-AU	UNI	1500	36	40	46	1	1	58.1	25.8	
1.5SMCJ40-AU	UNI	1500	40	44.4	56.3	1	1	71.4	21	
1.5SMCJ40A-AU	UNI	1500	40	44.4	51.1	1	1	64.5	23.2	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMCJ43-AU	UNI	1500	43	47.8	61	1	1	76.7	19.6	SMC/DO-214AB
1.5SMCJ43A-AU	UNI	1500	43	47.8	55	1	1	69.4	21.6	
1.5SMCJ45-AU	UNI	1500	45	50	63	1	1	80.3	18.7	
1.5SMCJ45A-AU	UNI	1500	45	50	57.5	1	1	72.7	20.6	
1.5SMCJ48-AU	UNI	1500	48	53.3	67.5	1	1	85.5	17.5	
1.5SMCJ48A-AU	UNI	1500	48	53.3	61.3	1	1	77.4	19.4	
1.5SMCJ51-AU	UNI	1500	51	56.7	71.8	1	1	91.1	18.5	
1.5SMCJ51A-AU	UNI	1500	51	56.7	65.2	1	1	82.4	18.2	
1.5SMCJ54-AU	UNI	1500	54	60	76	1	1	96.3	15.6	
1.5SMCJ54A-AU	UNI	1500	54	60	69	1	1	87.1	17.2	
1.5SMCJ58-AU	UNI	1500	58	64.4	81.6	1	1	103	14.6	
1.5SMCJ58A-AU	UNI	1500	58	64.4	74.1	1	1	93.6	16	
1.5SMCJ60-AU	UNI	1500	60	66.7	84.5	1	1	107	14	
1.5SMCJ60A-AU	UNI	1500	60	66.7	76.7	1	1	96.8	15.5	
1.5SMCJ64-AU	UNI	1500	64	71.1	90.1	1	1	114	13.2	
1.5SMCJ64A-AU	UNI	1500	64	71.1	81.8	1	1	103	14.6	
1.5SMCJ70-AU	UNI	1500	70	77.8	98.6	1	1	125	12	
1.5SMCJ70A-AU	UNI	1500	70	77.8	89.5	1	1	113	13.3	
1.5SMCJ75-AU	UNI	1500	75	83.3	105.7	1	1	134	11.2	
1.5SMCJ75A-AU	UNI	1500	75	83.3	95.8	1	1	121	12.4	
1.5SMCJ78-AU	UNI	1500	78	86.7	109.8	1	1	139	10.8	
1.5SMCJ78A-AU	UNI	1500	78	86.7	99.7	1	1	126	11.4	
1.5SMCJ85-AU	UNI	1500	85	94.4	119.2	1	1	151	9.9	
1.5SMCJ85A-AU	UNI	1500	85	94.4	108.2	1	1	137	10.4	
1.5SMCJ90-AU	UNI	1500	90	100	126.5	1	1	160	9.4	
1.5SMCJ90A-AU	UNI	1500	90	100	115.5	1	1	146	10.3	
1.5SMCJ100-AU	UNI	1500	100	111	141	1	1	179	8.4	
1.5SMCJ100A-AU	UNI	1500	100	111	128	1	1	162	9.3	
1.5SMCJ110-AU	UNI	1500	110	122	154.5	1	1	196	7.7	
1.5SMCJ110A-AU	UNI	1500	110	122	140.5	1	1	177	8.4	
1.5SMCJ120-AU	UNI	1500	120	133	169	1	1	214	7	
1.5SMCJ120A-AU	UNI	1500	120	133	153	1	1	193	7.9	
1.5SMCJ130-AU	UNI	1500	130	144	182.5	1	1	231	6.5	
1.5SMCJ130A-AU	UNI	1500	130	144	165.5	1	1	209	7.2	
1.5SMCJ150-AU	UNI	1500	150	167	211.5	1	1	268	5.6	
1.5SMCJ150A-AU	UNI	1500	150	167	192.5	1	1	243	6.2	
1.5SMCJ160-AU	UNI	1500	160	178	226	1	1	287	5.2	
1.5SMCJ160A-AU	UNI	1500	160	178	205	1	1	259	5.8	
1.5SMCJ170-AU	UNI	1500	170	189	239.5	1	1	304	4.9	
1.5SMCJ170A-AU	UNI	1500	170	189	217.5	1	1	275	5.5	
1.5SMCJ180-AU	UNI	1500	180	198	253.8	1	1	322	4.7	
1.5SMCJ180A-AU	UNI	1500	180	198	230.4	1	1	292	5.1	
1.5SMCJ190-AU	UNI	1500	190	209	267.9	1	1	340	4.4	
1.5SMCJ190A-AU	UNI	1500	190	209	243.2	1	1	308	4.8	
1.5SMCJ200-AU	UNI	1500	200	220	282	1	1	358	4.1	
1.5SMCJ200A-AU	UNI	1500	200	220	256	1	1	324	4.6	
1.5SMCJ210-AU	UNI	1500	210	231	296.1	1	1	376	4	
1.5SMCJ210A-AU	UNI	1500	210	231	268.8	1	1	340	4.4	
1.5SMCJ220-AU	UNI	1500	220	242	310.2	1	1	394	3.8	
1.5SMCJ220A-AU	UNI	1500	220	242	281.6	1	1	356	4.2	
3.0SMCJ17A-AU	UNI	3000	17	18.9	23.9	1	3	30.5	98.4	
3.0SMCJ18A-AU	UNI	3000	18	20	23.3	1	3	29.2	102.8	
3.0SMCJ24A-AU	UNI	3000	24	26.7	30.7	1	3	38.9	77.2	
3.0SMCJ36A-AU	UNI	3000	36	40	46	1	3	58.1	51.6	
3.0SMCJ40A-AU	UNI	3000	40	44.4	51.1	1	3	64.5	46.4	
5.0SMCJ36A-AU	UNI	5000	36	40	46	1	3	58.1	86.1	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P4SMAJ5.0C-AU	BI	400	5	6.4	7.55	10	1600	9.6	41.6	SMA/DO-214AC
P4SMAJ5.0CA-AU	BI	400	5	6.4	7.25	10	1600	9.2	43.5	
P4SMAJ6.0C-AU	BI	400	6	6.67	8.45	10	1600	11.4	35.1	
P4SMAJ6.0CA-AU	BI	400	6	6.67	7.67	10	1600	10.3	38.8	
P4SMAJ6.5C-AU	BI	400	6.5	7.22	9.14	10	1000	12.3	32.5	
P4SMAJ6.5CA-AU	BI	400	6.5	7.22	8.3	10	1000	11.2	35.7	
P4SMAJ7.0C-AU	BI	400	7	7.78	9.86	10	400	13.3	30.1	
P4SMAJ7.0CA-AU	BI	400	7	7.78	8.95	10	400	12	33.3	
P4SMAJ7.5C-AU	BI	400	7.5	8.33	10.67	1	200	14.3	28	
P4SMAJ7.5CA-AU	BI	400	7.5	8.33	9.58	1	200	12.9	31	
P4SMAJ8.0C-AU	BI	400	8	8.89	11.3	1	100	15	26.5	
P4SMAJ8.0CA-AU	BI	400	8	8.89	10.23	1	100	13.6	29.4	
P4SMAJ8.5C-AU	BI	400	8.5	9.44	11.92	1	20	15.9	25.1	
P4SMAJ8.5CA-AU	BI	400	8.5	9.44	10.82	1	20	14.4	27.7	
P4SMAJ9.0C-AU	BI	400	9	10	12.6	1	5	16.9	23.6	
P4SMAJ9.0CA-AU	BI	400	9	10	11.5	1	5	15.4	26	
P4SMAJ10C-AU	BI	400	10	11.1	14.1	1	5	18.8	21.2	
P4SMAJ10CA-AU	BI	400	10	11.1	12.8	1	5	17	23.5	
P4SMAJ11C-AU	BI	400	11	12.2	15.4	1	1	20.1	20	
P4SMAJ11CA-AU	BI	400	11	12.2	14	1	1	18.2	22	
P4SMAJ12C-AU	BI	400	12	13.3	16.9	1	1	22	18.1	
P4SMAJ12CA-AU	BI	400	12	13.3	15.3	1	1	19.9	20.1	
P4SMAJ13C-AU	BI	400	13	14.4	18.2	1	1	23.8	16.8	
P4SMAJ13CA-AU	BI	400	13	14.4	16.5	1	1	21.5	18.6	
P4SMAJ14C-AU	BI	400	14	15.6	19.8	1	1	25.8	15.5	
P4SMAJ14CA-AU	BI	400	14	15.6	17.9	1	1	23.2	17.2	
P4SMAJ15C-AU	BI	400	15	16.7	21.1	1	1	26.9	14.8	
P4SMAJ15CA-AU	BI	400	15	16.7	19.2	1	1	24.4	16.4	
P4SMAJ16C-AU	BI	400	16	17.8	22.6	1	1	28.8	13.8	
P4SMAJ16CA-AU	BI	400	16	17.8	20.5	1	1	26	15.3	
P4SMAJ17C-AU	BI	400	17	18.9	23.9	1	1	30.5	13.1	
P4SMAJ17CA-AU	BI	400	17	18.9	21.7	1	1	27.6	14.5	
P4SMAJ18C-AU	BI	400	18	20	25.3	1	1	32.2	12.4	
P4SMAJ18CA-AU	BI	400	18	20	23.3	1	1	29.2	13.7	
P4SMAJ20C-AU	BI	400	20	22.2	28.1	1	1	35.8	11.1	
P4SMAJ20CA-AU	BI	400	20	22.2	25.5	1	1	32.4	12.3	
P4SMAJ22C-AU	BI	400	22	24.4	30.9	1	1	39.4	10.1	
P4SMAJ22CA-AU	BI	400	22	24.4	28	1	1	35.5	11.2	
P4SMAJ24C-AU	BI	400	24	26.7	33.8	1	1	43	9.3	
P4SMAJ24CA-AU	BI	400	24	26.7	30.7	1	1	38.9	10.3	
P4SMAJ26C-AU	BI	400	26	28.9	36.6	1	1	46.6	8.6	
P4SMAJ26CA-AU	BI	400	26	28.9	33.2	1	1	42.1	9.5	
P4SMAJ28C-AU	BI	400	28	31.1	39.4	1	1	50	8	
P4SMAJ28CA-AU	BI	400	28	31.1	35.8	1	1	45.4	8.8	
P4SMAJ30C-AU	BI	400	30	33.3	42.2	1	1	53.5	7.5	
P4SMAJ30CA-AU	BI	400	30	33.3	38.3	1	1	48.4	8.3	
P4SMAJ33C-AU	BI	400	33	36.7	46.5	1	1	59	6.8	
P4SMAJ33CA-AU	BI	400	33	36.7	42.2	1	1	53.3	7.5	
P4SMAJ36C-AU	BI	400	36	40	50.7	1	1	64.3	6.2	
P4SMAJ36CA-AU	BI	400	36	40	46	1	1	58.1	6.9	
P4SMAJ40C-AU	BI	400	40	44.4	56.3	1	1	71.4	5.6	
P4SMAJ40CA-AU	BI	400	40	44.4	51.1	1	1	64.5	6.2	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P4SMAJ43C-AU	BI	400	43	47.8	60.5	1	5	76.7	5.2	SMA/DO-214AC
P4SMAJ43CA-AU	BI	400	43	47.8	54.9	1	5	69.4	5.7	
P4SMAJ45C-AU	BI	400	45	50	63.3	1	5	80.3	5	
P4SMAJ45CA-AU	BI	400	45	50	57.5	1	5	72.7	5.5	
P4SMAJ48C-AU	BI	400	48	53.3	67.5	1	5	85.5	4.7	
P4SMAJ48CA-AU	BI	400	48	53.3	61.3	1	5	77.4	5.2	
P4SMAJ51C-AU	BI	400	51	56.7	71.8	1	5	91.1	4.4	
P4SMAJ51CA-AU	BI	400	51	56.7	65.2	1	5	82.4	4.9	
P4SMAJ54C-AU	BI	400	54	60	76	1	5	96.3	4.2	
P4SMAJ54CA-AU	BI	400	54	60	69	1	5	87.1	4.6	
P4SMAJ58C-AU	BI	400	58	64.4	81.6	1	5	103	3.9	
P4SMAJ58CA-AU	BI	400	58	64.4	74.1	1	5	93.6	4.3	
P4SMAJ60C-AU	BI	400	60	66.7	84.5	1	5	107	3.7	
P4SMAJ60CA-AU	BI	400	60	66.7	76.7	1	5	96.8	4.1	
P4SMAJ64C-AU	BI	400	64	71.1	90.1	1	5	114	3.5	
P4SMAJ64CA-AU	BI	400	64	71.1	81.8	1	5	103	3.9	
P4SMAJ70C-AU	BI	400	70	77.8	98.6	1	5	125	3.2	
P4SMAJ70CA-AU	BI	400	70	77.8	89.5	1	5	113	3.5	
P4SMAJ75C-AU	BI	400	75	83.3	105.7	1	5	134	3	
P4SMAJ75CA-AU	BI	400	75	83.3	95.8	1	5	121	3.3	
P4SMAJ78C-AU	BI	400	78	86.7	109.8	1	5	139	2.9	
P4SMAJ78CA-AU	BI	400	78	86.7	99.7	1	5	126	3.2	
P4SMAJ85C-AU	BI	400	85	94.4	119.2	1	5	151	2.6	
P4SMAJ85CA-AU	BI	400	85	94.4	108.2	1	5	137	2.9	
P4SMAJ90C-AU	BI	400	90	100	126.5	1	5	160	2.5	
P4SMAJ90CA-AU	BI	400	90	100	115.5	1	5	146	2.7	
P4SMAJ100C-AU	BI	400	100	111	141	1	5	179	2.2	
P4SMAJ100CA-AU	BI	400	100	111	128	1	5	162	2.5	
P4SMAJ110C-AU	BI	400	110	122	154.5	1	5	196	2	
P4SMAJ110CA-AU	BI	400	110	122	140.5	1	5	177	2.3	
P4SMAJ120C-AU	BI	400	120	133	169	1	5	214	1.9	
P4SMAJ120CA-AU	BI	400	120	133	153	1	5	193	2	
P4SMAJ130C-AU	BI	400	130	144	182.5	1	5	231	1.7	
P4SMAJ130CA-AU	BI	400	130	144	165.5	1	5	209	1.9	
P4SMAJ150C-AU	BI	400	150	167	211.5	1	5	268	1.5	
P4SMAJ150CA-AU	BI	400	150	167	192.5	1	5	243	1.6	
P4SMAJ160C-AU	BI	400	160	178	226	1	5	287	1.4	
P4SMAJ160CA-AU	BI	400	160	178	205	1	5	259	1.5	
P4SMAJ170C-AU	BI	400	170	189	239.5	1	5	304	1.3	
P4SMAJ170CA-AU	BI	400	170	189	217.5	1	5	275	1.4	
P4SMAJ180C-AU	BI	400	180	198	253.8	1	5	322	1.2	
P4SMAJ180CA-AU	BI	400	180	198	230.4	1	5	292	1.3	
P4SMAJ190C-AU	BI	400	190	209	267.9	1	5	340	1.2	
P4SMAJ190CA-AU	BI	400	190	209	243.2	1	5	308	1.3	
P4SMAJ200C-AU	BI	400	200	220	282	1	5	358	1.1	
P4SMAJ200CA-AU	BI	400	200	220	256	1	5	324	1.2	
P4SMAJ210C-AU	BI	400	210	231	296.1	1	5	376	1.1	
P4SMAJ210CA-AU	BI	400	210	231	268.8	1	5	340	1.2	
P4SMAJ220C-AU	BI	400	220	242	310.2	1	5	394	1	
P4SMAJ220CA-AU	BI	400	220	242	281.6	1	5	356	1.1	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P6SMB6.8C-AU	BI	600	5.5	6.12	7.48	10	2000	10.8	56	SMB/DO-214AA
P6SMB6.8CA-AU	BI	600	5.8	6.45	7.14	10	2000	10.5	57	
P6SMB7.5C-AU	BI	600	6.05	6.75	8.25	10	1000	11.7	51	
P6SMB7.5CA-AU	BI	600	6.4	7.13	7.88	10	1000	11.3	53	
P6SMB8.2C-AU	BI	600	6.63	7.38	9.02	10	400	12.5	48	
P6SMB8.2CA-AU	BI	600	7.02	7.79	8.61	10	400	12.1	50	
P6SMB9.1C-AU	BI	600	7.37	8.19	10	1	100	13.8	44	
P6SMB9.1CA-AU	BI	600	7.78	8.65	9.5	1	100	13.4	45	
P6SMB10C-AU	BI	600	8.1	9	11	1	20	15	40	
P6SMB10CA-AU	BI	600	8.55	9.5	10.5	1	20	14.5	41	
P6SMB11C-AU	BI	600	8.92	9.9	12.1	1	10	16.2	37	
P6SMB11CA-AU	BI	600	9.4	10.5	11.6	1	10	15.6	38	
P6SMB12C-AU	BI	600	9.72	10.8	13.2	1	5	17.3	35	
P6SMB12CA-AU	BI	600	10.2	11.4	12.6	1	5	16.7	36	
P6SMB13C-AU	BI	600	10.5	11.7	14.3	1	1	19	32	
P6SMB13CA-AU	BI	600	11.1	12.4	13.7	1	1	18.2	33	
P6SMB15CA-AU	BI	600	12.8	14.3	15.8	1	1	21.2	28	
P6SMB16CA-AU	BI	600	13.6	15.2	16.8	1	1	22.5	27	
P6SMB18CA-AU	BI	600	15.3	17.1	18.9	1	1	25.2	24	
P6SMB20CA-AU	BI	600	17.1	19	21	1	1	27.7	22	
P6SMB22CA-AU	BI	600	18.8	20.9	23.1	1	1	30.6	20	
P6SMB24CA-AU	BI	600	20.5	22.8	25.2	1	1	33.2	18	
P6SMB27CA-AU	BI	600	23.1	25.7	28.4	1	1	37.5	16	
P6SMB43CA-AU	BI	600	36.8	40.9	45.2	1	1	59.3	10.1	
P6SMB47CA-AU	BI	600	40.2	44.7	49.4	1	1	64.8	9.3	
P6SMB51CA-AU	BI	600	43.6	48.5	53.6	1	1	70.1	8.6	
P6SMB56CA-AU	BI	600	47.8	53.2	58.8	1	1	77	7.8	
P6SMB62CA-AU	BI	600	53	58.9	65.1	1	1	85	7.1	
P6SMB68CA-AU	BI	600	58.1	64.6	71.4	1	1	92	6.5	
P6SMB75CA-AU	BI	600	64.1	71.3	78.8	1	1	103	5.8	
P6SMB82CA-AU	BI	600	70.1	77.9	86.1	1	1	113	5.3	
P6SMB91CA-AU	BI	600	77.8	86.5	95.5	1	1	125	4.8	
P6SMB100C-AU	BI	600	81	90	110	1	1	144	4.2	
P6SMB100CA-AU	BI	600	85.5	95	105	1	1	137	4.4	
P6SMB110C-AU	BI	600	89.2	99	121	1	1	158	3.8	
P6SMB110CA-AU	BI	600	94	105	116	1	1	152	4	
P6SMB120C-AU	BI	600	97.2	108	132	1	1	173	3.5	
P6SMB120CA	BI	600	102	114	126	1	1	165	3.6	
P6SMB130C-AU	BI	600	105	117	143	1	1	187	3.2	
P6SMB130CA-AU	BI	600	111	124	137	1	1	179	3.3	
P6SMB150C-AU	BI	600	121	135	165	1	1	215	2.8	
P6SMB150CA-AU	BI	600	128	143	158	1	1	207	2.9	
P6SMB160C-AU	BI	600	130	144	176	1	1	230	2.6	
P6SMB160CA-AU	BI	600	136	152	168	1	1	219	2.7	
P6SMB170C-AU	BI	600	138	153	187	1	1	244	2.5	
P6SMB170CA-AU	BI	600	145	162	179	1	1	234	2.6	
P6SMB180C-AU	BI	600	146	162	198	1	1	258	2.3	
P6SMB180CA-AU	BI	600	154	171	189	1	1	246	2.4	
P6SMB200CA-AU	BI	600	171	190	210	1	1	274	2.2	
P6SMB220C-AU	BI	600	175	198	242	1	1	344	1.8	
P6SMB220CA-AU	BI	600	185	209	231	1	1	328	1.9	
P6SMB250C-AU	BI	600	202	225	275	1	1	360	1.7	
P6SMB250CA-AU	BI	600	214	237	263	1	1	344	1.8	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
P6SMBJ5.0C-AU	BI	600	5	6.4	7.55	10	1600	9.6	62.5	SMB/DO-214AA
P6SMBJ5.0CA-AU	BI	600	5	6.4	7.25	10	1600	9.2	65.2	
P6SMBJ6.0C-AU	BI	600	6	6.67	8.45	10	1600	11.4	52.6	
P6SMBJ6.0CA	BI	600	6	6.67	7.67	10	1600	10.3	58.3	
P6SMBJ6.5C	BI	600	6.5	7.22	9.14	10	1000	12.3	48.7	
P6SMBJ6.5CA	BI	600	6.5	7.22	8.3	10	1000	11.2	53.6	
P6SMBJ7.0C-AU	BI	600	7	7.78	9.86	10	400	13.3	45.1	
P6SMBJ7.0CA-AU	BI	600	7	7.78	8.95	10	400	12	50	
P6SMBJ7.5C-AU	BI	600	7.5	8.33	10.67	1	200	14.3	42	
P6SMBJ7.5CA-AU	BI	600	7.5	8.33	9.58	1	200	12.9	46.5	
P6SMBJ8.0C-AU	BI	600	8	8.89	11.3	1	100	15	40	
P6SMBJ8.0CA-AU	BI	600	8	8.89	10.23	1	100	13.6	44.1	
P6SMBJ8.5C-AU	BI	600	8.5	9.44	11.92	1	20	15.9	37.7	
P6SMBJ8.5CA-AU	BI	600	8.5	9.44	10.82	1	20	14.4	41.7	
P6SMBJ9.0C-AU	BI	600	9	10	12.6	1	5	16.9	35.5	
P6SMBJ9.0CA-AU	BI	600	9	10	11.5	1	5	15.4	39	
P6SMBJ10C-AU	BI	600	10	11.1	14.1	1	5	18.8	31.9	
P6SMBJ10CA-AU	BI	600	10	11.1	12.8	1	5	17	35.3	
P6SMBJ11C-AU	BI	600	11	12.2	15.4	1	1	20.1	29.9	
P6SMBJ11CA-AU	BI	600	11	12.2	14	1	1	18.2	33	
P6SMBJ12C-AU	BI	600	12	13.3	16.9	1	1	22	27.3	
P6SMBJ12CA-AU	BI	600	12	13.3	15.3	1	1	19.9	30.2	
P6SMBJ13C-AU	BI	600	13	14.4	18.2	1	1	23.8	25.2	
P6SMBJ13CA-AU	BI	600	13	14.4	16.5	1	1	21.5	27.9	
P6SMBJ14C-AU	BI	600	14	15.6	19.8	1	1	25.8	23.3	
P6SMBJ14CA-AU	BI	600	14	15.6	17.9	1	1	23.2	25.8	
P6SMBJ15C-AU	BI	600	15	16.7	21.1	1	1	26.9	22.3	
P6SMBJ15CA-AU	BI	600	15	16.7	19.2	1	1	24.4	24	
P6SMBJ16C-AU	BI	600	16	17.8	22.6	1	1	28.8	20.8	
P6SMBJ16CA-AU	BI	600	16	17.8	20.5	1	1	26	23.1	
P6SMBJ17C-AU	BI	600	17	18.9	23.9	1	1	30.5	19.7	
P6SMBJ17CA-AU	BI	600	17	18.9	21.7	1	1	27.6	21.7	
P6SMBJ18C-AU	BI	600	18	20	25.3	1	1	32.2	18.6	
P6SMBJ18CA-AU	BI	600	18	20	23.3	1	1	29.2	20.5	
P6SMBJ20C-AU	BI	600	20	22.2	28.1	1	1	35.8	16.7	
P6SMBJ20CA-AU	BI	600	20	22.2	25.5	1	1	32.4	18.5	
P6SMBJ22C-AU	BI	600	22	24.4	30.9	1	1	39.4	15.2	
P6SMBJ22CA-AU	BI	600	22	24.4	28	1	1	35.5	16.9	
P6SMBJ24C-AU	BI	600	24	26.7	33.8	1	1	43	14	
P6SMBJ24CA-AU	BI	600	24	26.7	30.7	1	1	38.9	15.4	
P6SMBJ26C-AU	BI	600	26	28.9	36.6	1	1	46.6	12.4	
P6SMBJ26CA-AU	BI	600	26	28.9	33.2	1	1	42.1	14.2	
P6SMBJ28C-AU	BI	600	28	31.1	39.4	1	1	50	12	
P6SMBJ28CA-AU	BI	600	28	31.1	35.8	1	1	45.4	13.2	
P6SMBJ30C-AU	BI	600	30	33.3	42.2	1	1	53.5	11.2	
P6SMBJ30CA-AU	BI	600	30	33.3	38.3	1	1	48.4	12.4	
P6SMBJ33C-AU	BI	600	33	36.7	46.5	1	1	59	10.2	
P6SMBJ33CA-AU	BI	600	33	36.7	42.2	1	1	53.3	11.3	
P6SMBJ36C-AU	BI	600	36	40	50.7	1	1	64.3	9.3	
P6SMBJ36CA-AU	BI	600	36	40	46	1	1	58.1	10.3	
P6SMBJ40C-AU	BI	600	40	44.4	56.3	1	1	71.4	8.4	
P6SMBJ40CA-AU	BI	600	40	44.4	51.1	1	1	64.5	9.3	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D	V _{RWM}	V _{BR} @ I _T		I _T	I _R @ V _{RWM}	V _C @ I _{PP} Max.	I _{PP}	Package
				W	V					
P6SMBJ43C-AU	BI	600	43	47.8	60.5	1	1	76.7	7.8	SMB/DO-214AA
P6SMBJ43CA-AU	BI	600	43	47.8	54.9	1	1	69.4	8.6	
P6SMBJ45C-AU	BI	600	45	50	63.3	1	1	80.3	7.5	
P6SMBJ45CA-AU	BI	600	45	50	57.5	1	1	72.7	8.3	
P6SMBJ48C-AU	BI	600	48	53.3	67.5	1	1	85.5	7	
P6SMBJ48CA-AU	BI	600	48	53.3	61.3	1	1	77.4	7.7	
P6SMBJ51C-AU	BI	600	51	56.7	71.8	1	1	91.1	6.6	
P6SMBJ51CA-AU	BI	600	51	56.7	65.2	1	1	82.4	7.3	
P6SMBJ54C-AU	BI	600	54	60	76	1	1	96.3	6.2	
P6SMBJ54CA-AU	BI	600	54	60	69	1	1	87.1	6.9	
P6SMBJ58C-AU	BI	600	58	64.4	81.6	1	1	103	5.8	
P6SMBJ58CA-AU	BI	600	58	64.4	74.1	1	1	93.6	6.4	
P6SMBJ60C-AU	BI	600	60	66.7	84.5	1	1	107	5.6	
P6SMBJ60CA-AU	BI	600	60	66.7	76.7	1	1	96.8	6.2	
P6SMBJ64C-AU	BI	600	64	71.1	90.1	1	1	114	5.3	
P6SMBJ64CA-AU	BI	600	64	71.1	81.8	1	1	103	5.8	
P6SMBJ70C-AU	BI	600	70	77.8	98.6	1	1	125	4.8	
P6SMBJ70CA-AU	BI	600	70	77.8	89.5	1	1	113	5.3	
P6SMBJ75C-AU	BI	600	75	83.3	105.7	1	1	134	4.5	
P6SMBJ75CA-AU	BI	600	75	83.3	95.8	1	1	121	4.9	
P6SMBJ78C-AU	BI	600	78	86.7	109.8	1	1	139	4.3	
P6SMBJ78CA-AU	BI	600	78	86.7	99.7	1	1	126	4.7	
P6SMBJ85C-AU	BI	600	85	94.4	119.2	1	1	151	3.9	
P6SMBJ85CA-AU	BI	600	85	94.4	108.2	1	1	137	4.4	
P6SMBJ90C-AU	BI	600	90	100	126.5	1	1	160	3.8	
P6SMBJ90CA-AU	BI	600	90	100	115.5	1	1	146	4.1	
P6SMBJ100C-AU	BI	600	100	111	141	1	1	179	3.4	
P6SMBJ100CA-AU	BI	600	100	111	128	1	1	162	3.7	
P6SMBJ110C-AU	BI	600	110	122	154.5	1	1	196	3	
P6SMBJ110CA-AU	BI	600	110	122	140.5	1	1	177	3.4	
P6SMBJ120C-AU	BI	600	120	133	169	1	1	214	2.8	
P6SMBJ120CA-AU	BI	600	120	133	153	1	1	193	3.1	
P6SMBJ130C-AU	BI	600	130	144	182.5	1	1	231	2.6	
P6SMBJ130CA-AU	BI	600	130	144	165.5	1	1	209	2.9	
P6SMBJ150C-AU	BI	600	150	167	211.5	1	1	268	2.2	
P6SMBJ150CA-AU	BI	600	150	167	192.5	1	1	243	2.5	
P6SMBJ160C-AU	BI	600	160	178	226	1	1	287	2.1	
P6SMBJ160CA-AU	BI	600	160	178	205	1	1	259	2.3	
P6SMBJ170C-AU	BI	600	170	189	239.5	1	1	304	2	
P6SMBJ170CA-AU	BI	600	170	189	217.5	1	1	275	2.2	
P6SMBJ180C-AU	BI	600	180	198	253.8	1	1	322	1.9	
P6SMBJ180CA-AU	BI	600	180	198	230.4	1	1	292	2.1	
P6SMBJ190C-AU	BI	600	190	209	267.9	1	1	340	1.8	
P6SMBJ190CA-AU	BI	600	190	209	243.2	1	1	308	2	
P6SMBJ200C-AU	BI	600	200	220	282	1	1	358	1.7	
P6SMBJ200CA-AU	BI	600	200	220	256	1	1	324	1.9	
P6SMBJ210C-AU	BI	600	210	231	296.1	1	1	376	1.6	
P6SMBJ210CA-AU	BI	600	210	231	268.8	1	1	340	1.8	
P6SMBJ220C-AU	BI	600	220	242	310.2	1	1	394	1.5	
P6SMBJ220CA-AU	BI	600	220	242	281.6	1	1	356	1.7	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D	V _{RWM}	V _{BR} @ I _T		I _T	I _R @ V _{RWM}	V _C @ I _{PP} Max.	I _{PP}	Package	
				W	V						Min.
P6KE22C-AU	BI	600	17.8	19.8	24.2	1	1	31.9	19	DO-15	
P6KE22CA-AU	BI	600	18.8	20.9	23.1	1	1	30.6	20		
P6KE24C-AU	BI	600	19.4	21.6	26.4	1	1	34.7	17		
P6KE24CA-AU	BI	600	20.5	22.8	25.2	1	1	33.2	18		
P6KE27C-AU	BI	600	21.8	24.3	29.7	1	1	39.1	15		
P6KE27CA-AU	BI	600	23.1	25.7	28.4	1	1	37.5	16		
P6KE30C-AU	BI	600	24.3	27	33	1	1	43.5	14		
P6KE30CA-AU	BI	600	25.6	28.5	31.5	1	1	41.4	14.4		
P6KE33C-AU	BI	600	26.8	29.7	36.3	1	1	47.7	12.6		
P6KE33CA-AU	BI	600	28.2	31.4	34.7	1	1	45.7	13.2		
P6KE36C-AU	BI	600	29.1	32.4	39.6	1	1	52	11.6		
P6KE36CA-AU	BI	600	30.8	34.2	37.8	1	1	49.9	12		
P6KE39C-AU	BI	600	31.6	35.1	42.9	1	1	56.4	10.6		
P6KE39CA-AU	BI	600	33.3	37.1	41	1	1	53.9	11.2		
P6KE43C-AU	BI	600	34.8	38.7	47.3	1	1	61.9	9.6		
P6KE43CA-AU	BI	600	36.8	40.9	45.2	1	1	59.3	10.1		
P6KE47C-AU	BI	600	38.1	42.3	51.7	1	1	67.8	8.9		
P6KE47CA-AU	BI	600	40.2	44.7	49.4	1	1	64.8	9.3		
P6KE51C-AU	BI	600	41.3	45.9	56.1	1	1	73.5	8.2		
P6KE51CA-AU	BI	600	43.6	48.5	53.6	1	1	70.1	8.6		
P6KE56C-AU	BI	600	45.6	50.4	61.6	1	1	80.5	7.4		
P6KE56CA-AU	BI	600	47.8	53.2	58.8	1	1	77	7.8		
P6KE62C-AU	BI	600	50.2	55.8	68.2	1	1	89	6.8		
P6KE62CA-AU	BI	600	53	58.9	65.1	1	1	85	7.1		
P6KE68C-AU	BI	600	55.1	61.2	74.8	1	1	98	6.1		
P6KE68CA-AU	BI	600	58.1	64.6	71.4	1	1	92	6.5		
1.5SMC6.8C-AU	BI	1500	5.5	6.12	7.48	10	2000	10.8	139		SMC/DO-214AB
1.5SMC6.8CA-AU	BI	1500	5.8	6.45	7.14	10	2000	10.5	143		
1.5SMC7.5C-AU	BI	1500	6.05	6.75	8.25	10	1000	11.7	128		
1.5SMC7.5CA-AU	BI	1500	6.4	7.13	7.88	10	1000	11.3	132		
1.5SMC8.2C-AU	BI	1500	6.63	7.38	9.02	10	400	12.5	120		
1.5SMC8.2CA-AU	BI	1500	7.02	7.79	8.61	10	400	12.1	124		
1.5SMC9.1C-AU	BI	1500	7.37	8.19	10	1	100	13.8	109		
1.5SMC9.1CA-AU	BI	1500	7.78	8.65	9.5	1	100	13.4	112		
1.5SMC10C-AU	BI	1500	8.1	9	11	1	20	15	100		
1.5SMC10CA-AU	BI	1500	8.55	9.5	10.5	1	20	14.5	103		
1.5SMC11C-AU	BI	1500	8.92	9.9	12.1	1	10	16.2	93		
1.5SMC11CA-AU	BI	1500	9.4	10.5	11.6	1	10	15.6	96		
1.5SMC12C-AU	BI	1500	9.72	10.8	13.2	1	5	17.3	87		
1.5SMC12CA-AU	BI	1500	10.2	11.4	12.6	1	5	16.7	90		
1.5SMC13C-AU	BI	1500	10.5	11.7	14.3	1	1	19	79		
1.5SMC13CA-AU	BI	1500	11.1	12.4	13.7	1	1	18.2	82		
1.5SMC15C-AU	BI	1500	12.1	13.5	16.5	1	1	22	68		
1.5SMC15CA-AU	BI	1500	12.8	14.3	15.8	1	1	21.2	71		
1.5SMC16CA-AU	BI	1500	13.6	15.2	16.8	1	1	22.5	67		
1.5SMC18CA-AU	BI	1500	15.3	17.1	18.9	1	1	25.2	59.5		
1.5SMC20CA-AU	BI	1500	17.1	19	21	1	1	27.7	54		
1.5SMC22CA-AU	BI	1500	18.8	20.9	23.1	1	1	30.6	49		
1.5SMC24CA-AU	BI	1500	20.5	22.8	25.2	1	1	33.2	45		
1.5SMC27CA-AU	BI	1500	23.1	25.7	28.4	1	1	37.5	40		
1.5SMC43CA-AU	BI	1500	36.8	40.9	45.2	1	1	59.3	25.3		
1.5SMC47CA-AU	BI	1500	40.2	44.7	49.4	1	1	64.8	23.2		

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMC51CA-AU	BI	1500	43.6	48.5	53.6	1	1	70.1	21.4	SMC/DO-214AB
1.5SMC56CA-AU	BI	1500	47.8	53.2	58.8	1	1	77	19.5	
1.5SMC62CA-AU	BI	1500	53	58.9	65.1	1	1	85	17.7	
1.5SMC68CA-AU	BI	1500	58.1	64.6	71.4	1	1	92	16.3	
1.5SMC75CA-AU	BI	1500	64.1	71.3	78.8	1	1	103	14.6	
1.5SMC82CA-AU	BI	1500	70.1	77.9	86.1	1	1	113	13.3	
1.5SMC91CA-AU	BI	1500	77.8	86.5	95.5	1	1	125	12	
1.5SMC100C	BI	1500	81	90	110	1	1	144	10.4	
1.5SMC100CA-AU	BI	1500	85.5	95	105	1	1	137	11	
1.5SMC110C-AU	BI	1500	89.2	99	121	1	1	158	9.5	
1.5SMC110CA-AU	BI	1500	94	105	116	1	1	152	9.9	
1.5SMC120C-AU	BI	1500	97.2	108	132	1	1	173	8.7	
1.5SMC120CA-AU	BI	1500	102	114	126	1	1	165	9.1	
1.5SMC130C-AU	BI	1500	105	117	143	1	1	187	8	
1.5SMC130CA-AU	BI	1500	111	124	137	1	1	179	8.4	
1.5SMC150C-AU	BI	1500	121	135	165	1	1	215	7	
1.5SMC150CA-AU	BI	1500	128	143	158	1	1	207	7.2	
1.5SMC160C-AU	BI	1500	130	144	176	1	1	230	6.5	
1.5SMC160CA-AU	BI	1500	136	152	168	1	1	219	6.8	
1.5SMC170C-AU	BI	1500	138	153	187	1	1	244	6.2	
1.5SMC170CA-AU	BI	1500	145	162	179	1	1	234	6.4	
1.5SMC180C-AU	BI	1500	146	162	198	1	1	258	5.8	
1.5SMC180CA-AU	BI	1500	154	171	189	1	1	246	6.1	
1.5SMC200CA-AU	BI	1500	171	190	210	1	1	274	5.5	
1.5SMC220C-AU	BI	1500	175	198	242	1	1	344	4.3	
1.5SMC220CA-AU	BI	1500	185	209	231	1	1	328	4.6	
1.5SMC250C-AU	BI	1500	202	225	275	1	1	360	4.3	
1.5SMC250CA-AU	BI	1500	214	237	263	1	1	344	4.5	
1.5SMCJ5.0C-AU	BI	1500	5	6.4	7.55	10	2000	9.6	156.2	
1.5SMCJ5.0CA-AU	BI	1500	5	6.4	7.25	10	2000	9.2	163	
1.5SMCJ6.0C-AU	BI	1500	6	6.67	8.45	10	2000	11.4	131.6	
1.5SMCJ6.0CA-AU	BI	1500	6	6.67	7.67	10	2000	10.3	145.6	
1.5SMCJ6.5C-AU	BI	1500	6.5	7.22	9.14	10	1000	12.3	122	
1.5SMCJ6.5CA-AU	BI	1500	6.5	7.22	8.3	10	1000	11.2	133.9	
1.5SMCJ7.0C-AU	BI	1500	7	7.78	9.86	10	400	13.3	112.8	
1.5SMCJ7.0CA-AU	BI	1500	7	7.78	8.95	10	400	12	125	
1.5SMCJ7.5C-AU	BI	1500	7.5	8.33	10.67	1	200	14.3	104.9	
1.5SMCJ7.5CA-AU	BI	1500	7.5	8.33	9.58	1	200	12.9	116.3	
1.5SMCJ8.0C-AU	BI	1500	8	8.89	11.3	1	100	15	100	
1.5SMCJ8.0CA-AU	BI	1500	8	8.89	10.23	1	100	13.6	110.3	
1.5SMCJ8.5C-AU	BI	1500	8.5	9.44	11.92	1	50	15.9	94.3	
1.5SMCJ8.5CA-AU	BI	1500	8.5	9.44	10.82	1	50	14.4	104.2	
1.5SMCJ9.0C-AU	BI	1500	9	10	12.6	1	20	16.9	88.7	
1.5SMCJ9.0CA-AU	BI	1500	9	10	11.5	1	20	15.4	97.4	
1.5SMCJ10C-AU	BI	1500	10	11.1	14.1	1	5	18.8	79.8	
1.5SMCJ10CA-AU	BI	1500	10	11.1	12.8	1	5	17	88.2	
1.5SMCJ11C-AU	BI	1500	11	12.2	15.4	1	1	20.1	74.6	
1.5SMCJ11CA-AU	BI	1500	11	12.2	14	1	1	18.2	82.4	
1.5SMCJ12C-AU	BI	1500	12	13.3	16.9	1	1	22	68.2	
1.5SMCJ12CA-AU	BI	1500	12	13.3	15.3	1	1	19.9	75.3	
1.5SMCJ13C-AU	BI	1500	13	14.4	18.2	1	1	23.8	63	
1.5SMCJ13CA-AU	BI	1500	13	14.4	16.5	1	1	21.5	69.7	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMCJ14C-AU	BI	1500	14	15.6	19.8	1	1	25.8	58.1	SMC/DO-214AB
1.5SMCJ14CA-AU	BI	1500	14	15.6	17.9	1	1	23.2	64.7	
1.5SMCJ15C-AU	BI	1500	15	16.7	21.1	1	1	26.9	55.8	
1.5SMCJ15CA-AU	BI	1500	15	16.7	19.2	1	1	24.4	61.5	
1.5SMCJ16C-AU	BI	1500	16	17.8	22.6	1	1	28.8	52.1	
1.5SMCJ16CA-AU	BI	1500	16	17.8	20.5	1	1	26	57.7	
1.5SMCJ17C-AU	BI	1500	17	18.9	23.9	1	1	30.5	49.2	
1.5SMCJ17CA-AU	BI	1500	17	18.9	21.7	1	1	27.6	53.3	
1.5SMCJ18C-AU	BI	1500	18	20	25.3	1	1	32.2	46.6	
1.5SMCJ18CA-AU	BI	1500	18	20	23.3	1	1	29.2	51.4	
1.5SMCJ20C-AU	BI	1500	20	22.2	28.1	1	1	35.8	41.9	
1.5SMCJ20CA-AU	BI	1500	20	22.2	25.5	1	1	32.4	46.3	
1.5SMCJ22C-AU	BI	1500	22	24.4	30.9	1	1	39.4	38.1	
1.5SMCJ22CA-AU	BI	1500	22	24.4	28	1	1	35.5	42.2	
1.5SMCJ24C-AU	BI	1500	24	26.7	33.8	1	1	43	34.9	
1.5SMCJ24CA-AU	BI	1500	24	26.7	30.7	1	1	38.9	38.6	
1.5SMCJ26C-AU	BI	1500	26	28.9	36.6	1	1	46.6	32.2	
1.5SMCJ26CA-AU	BI	1500	26	28.9	33.2	1	1	42.1	35.6	
1.5SMCJ28C-AU	BI	1500	28	31.1	39.4	1	1	50	30	
1.5SMCJ28CA-AU	BI	1500	28	31.1	35.8	1	1	45.4	33	
1.5SMCJ30C-AU	BI	1500	30	33.3	42.2	1	1	53.5	28	
1.5SMCJ30CA-AU	BI	1500	30	33.3	38.3	1	1	48.4	31	
1.5SMCJ33C-AU	BI	1500	33	36.7	46.5	1	1	59	25.2	
1.5SMCJ33CA-AU	BI	1500	33	36.7	42.2	1	1	53.3	28.1	
1.5SMCJ36C-AU	BI	1500	36	40	50.7	1	1	64.3	23.3	
1.5SMCJ36CA-AU	BI	1500	36	40	46	1	1	58.1	25.8	
1.5SMCJ40C-AU	BI	1500	40	44.4	56.3	1	1	71.4	21	
1.5SMCJ40CA-AU	BI	1500	40	44.4	51.1	1	1	64.5	23.2	
1.5SMCJ43C-AU	BI	1500	43	47.8	61	1	1	76.7	19.6	
1.5SMCJ43CA-AU	BI	1500	43	47.8	55	1	1	69.4	21.6	
1.5SMCJ45C-AU	BI	1500	45	50	63	1	1	80.3	18.7	
1.5SMCJ45CA-AU	BI	1500	45	50	57.5	1	1	72.7	20.6	
1.5SMCJ48C-AU	BI	1500	48	53.3	67.5	1	1	85.5	17.5	
1.5SMCJ48CA-AU	BI	1500	48	53.3	61.3	1	1	77.4	19.4	
1.5SMCJ51C-AU	BI	1500	51	56.7	71.8	1	1	91.1	18.5	
1.5SMCJ51CA-AU	BI	1500	51	56.7	65.2	1	1	82.4	18.2	
1.5SMCJ54C-AU	BI	1500	54	60	76	1	1	96.3	15.6	
1.5SMCJ54CA-AU	BI	1500	54	60	69	1	1	87.1	17.2	
1.5SMCJ58C-AU	BI	1500	58	64.4	81.6	1	1	103	14.6	
1.5SMCJ58CA-AU	BI	1500	58	64.4	74.1	1	1	93.6	16	
1.5SMCJ60C-AU	BI	1500	60	66.7	84.5	1	1	107	14	
1.5SMCJ60CA-AU	BI	1500	60	66.7	76.7	1	1	96.8	15.5	
1.5SMCJ64C-AU	BI	1500	64	71.1	90.1	1	1	114	13.2	
1.5SMCJ64CA-AU	BI	1500	64	71.1	81.8	1	1	103	14.6	
1.5SMCJ70C-AU	BI	1500	70	77.8	98.6	1	1	125	12	
1.5SMCJ70CA-AU	BI	1500	70	77.8	89.5	1	1	113	13.3	
1.5SMCJ75C-AU	BI	1500	75	83.3	105.7	1	1	134	11.2	
1.5SMCJ75CA-AU	BI	1500	75	83.3	95.8	1	1	121	12.4	
1.5SMCJ78C-AU	BI	1500	78	86.7	109.8	1	1	139	10.8	
1.5SMCJ78CA-AU	BI	1500	78	86.7	99.7	1	1	126	11.4	
1.5SMCJ85C-AU	BI	1500	85	94.4	119.2	1	1	151	9.9	
1.5SMCJ85CA-AU	BI	1500	85	94.4	108.2	1	1	137	10.4	

Transient Voltage Suppressors

Part Number	UNI/BI	P _D W	V _{RWM} V	V _{BR} @ I _T (V)		I _T mA	I _R @ V _{RWM} μA	V _C @ I _{PP} Max. V	I _{PP} A	Package
				Min.	Max.					
1.5SMCJ90C-AU	BI	1500	90	100	126.5	1	1	160	9.4	SMC/DO-214AB
1.5SMCJ90CA-AU	BI	1500	90	100	115.5	1	1	146	10.3	
1.5SMCJ100C-AU	BI	1500	100	111	141	1	1	179	8.4	
1.5SMCJ100CA-AU	BI	1500	100	111	128	1	1	162	9.3	
1.5SMCJ110C-AU	BI	1500	110	122	154.5	1	1	196	7.7	
1.5SMCJ110CA-AU	BI	1500	110	122	140.5	1	1	177	8.4	
1.5SMCJ120C-AU	BI	1500	120	133	169	1	1	214	7	
1.5SMCJ120CA-AU	BI	1500	120	133	153	1	1	193	7.9	
1.5SMCJ130C-AU	BI	1500	130	144	182.5	1	1	231	6.5	
1.5SMCJ130CA-AU	BI	1500	130	144	165.5	1	1	209	7.2	
1.5SMCJ150C-AU	BI	1500	150	167	211.5	1	1	268	5.6	
1.5SMCJ150CA-AU	BI	1500	150	167	192.5	1	1	243	6.2	
1.5SMCJ160C-AU	BI	1500	160	178	226	1	1	287	5.2	
1.5SMCJ160CA-AU	BI	1500	160	178	205	1	1	259	5.8	
1.5SMCJ170C-AU	BI	1500	170	189	239.5	1	1	304	4.9	
1.5SMCJ170CA-AU	BI	1500	170	189	217.5	1	1	275	5.5	
1.5SMCJ180C-AU	BI	1500	180	198	253.8	1	1	322	4.7	
1.5SMCJ180CA-AU	BI	1500	180	198	230.4	1	1	292	5.1	
1.5SMCJ190C-AU	BI	1500	190	209	267.9	1	1	340	4.4	
1.5SMCJ190CA-AU	BI	1500	190	209	243.2	1	1	308	4.8	
1.5SMCJ200C-AU	BI	1500	200	220	282	1	1	358	4.1	
1.5SMCJ200CA-AU	BI	1500	200	220	256	1	1	324	4.6	
1.5SMCJ210C-AU	BI	1500	210	231	296.1	1	1	376	4	
1.5SMCJ210CA-AU	BI	1500	210	231	268.8	1	1	340	4.4	
1.5SMCJ220C-AU	BI	1500	220	242	310.2	1	1	394	3.8	
1.5SMCJ220CA-AU	BI	1500	220	242	281.6	1	1	356	4.2	

Small Signal Bipolar Junction Transistors

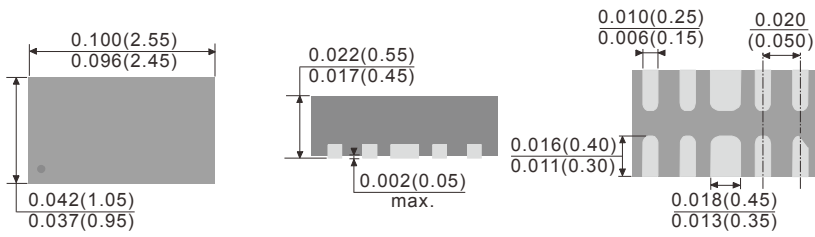
Part Number	Type	V _{CEO}	V _{CB0}	I _C	V _{CE (sat)}			h _{FE}				P _{TOT}	f _T	Package
		Max.	Max.	Max.	Max.	I _C	I _B	Min.	Max.	V _{CE}	I _C	Max.	Min.	
		V	V	mA	V	I _C (mA)	I _B (mA)			V	(mA)	mW	MHz	
BC848A-AU	NPN	30	30	100	0.25	10	0.5	110	220	5	2	330	100	SOT-23
BC848B-AU	NPN	30	30	100	0.25	10	0.5	200	450	5	2	330	100	
BC848C-AU	NPN	30	30	100	0.25	10	0.5	420	800	5	2	330	100	
BC849B-AU	NPN	30	30	100	0.25	10	0.5	200	450	5	2	330	100	
BC849C-AU	NPN	30	30	100	0.25	10	0.5	420	800	5	2	330	100	
MMBT3904-AU	NPN	40	60	200	0.3	50	5	100	300	1	10	225	300	
MMBT2222A-AU	NPN	40	75	600	0.3	150	15	100	300	10	150	225	300	
BC850B-AU	NPN	45	50	100	0.25	10	0.5	200	450	5	2	330	100	
BC850C-AU	NPN	45	50	100	0.25	10	0.5	420	800	5	2	330	100	
BC847A-AU	NPN	45	50	100	0.25	10	0.5	110	220	5	2	330	100	
BC847B-AU	NPN	45	50	100	0.25	10	0.5	200	450	5	2	330	100	
BC847C-AU	NPN	45	50	100	0.25	10	0.5	420	800	5	2	330	100	
BC817-16-AU	NPN	45	50	500	0.7	500	50	100	250	1	100	300	100	
BC817-25-AU	NPN	45	50	500	0.7	500	50	160	400	1	100	300	100	
BC817-40-AU	NPN	45	50	500	0.7	500	50	250	600	1	100	300	100	
MMBTA05-AU	NPN	60	60	500	0.25	100	10	100	-	1	100	225	100	
BC846A-AU	NPN	65	80	100	0.25	10	0.5	110	220	5	2	330	100	
BC846B-AU	NPN	65	80	100	0.25	10	0.5	200	450	5	2	330	100	
MMBTA06-AU	NPN	80	80	500	0.25	100	10	100	-	1	100	225	100	
MMBTA42-AU	NPN	300	300	500	0.5	20	2	40	-	10	30	225	50	
BC849BW-AU	NPN	30	30	100	0.25	10	0.5	200	450	5	2	250	100	
BC848AW-AU	NPN	30	30	100	0.25	10	0.5	110	220	5	2	250	100	
BC848BW-AU	NPN	30	30	100	0.25	10	0.5	200	450	5	2	250	100	
BC848CW-AU	NPN	30	30	100	0.25	10	0.5	420	800	5	2	250	100	
BC849CW-AU	NPN	30	30	100	0.25	10	0.5	420	800	5	2	250	100	
BC847AW-AU	NPN	45	50	100	0.25	10	0.5	110	220	5	2	250	100	
BC847BW-AU	NPN	45	50	100	0.25	10	0.5	200	450	5	2	250	100	
BC850BW-AU	NPN	45	50	100	0.25	10	0.5	200	450	5	2	250	100	
BC847CW-AU	NPN	45	50	100	0.25	10	0.5	420	800	5	2	250	100	
BC850CW-AU	NPN	45	50	100	0.25	10	0.5	420	800	5	2	250	100	
BC817-16W-AU	NPN	45	50	500	0.7	500	50	100	250	1	100	300	100	
BC817-25W-AU	NPN	45	50	500	0.7	500	50	160	400	1	100	300	100	
BC817-40W-AU	NPN	45	50	500	0.7	500	50	250	600	1	100	300	100	
BC846AW-AU	NPN	65	80	100	0.25	10	0.5	110	220	5	2	250	100	
BC846BW-AU	NPN	65	80	100	0.25	10	0.5	200	450	5	2	250	100	
DMMT3904W-AU	NPN+NPN	40	60	200	0.3	50	5	100	300	1	10	225	300	
BC847AS-AU	NPN+NPN	45	50	100	0.1	10	0.5	110	220	5	2	150	100	
BC847BS-AU	NPN+NPN	45	50	100	0.25	10	0.5	200	450	5	2	150	100	
BC846AS-AU	NPN+NPN	65	80	100	0.25	10	0.5	110	220	5	2	150	100	
BC846BS-AU	NPN+NPN	65	80	100	0.1	10	0.5	200	450	5	2	250	100	
BC858A-AU	PNP	-30	-30	-100	-0.25	-10	-0.5	125	250	-5	-2	330	100	
BC858B-AU	PNP	-30	-30	-100	-0.25	-10	-0.5	220	475	-5	-2	330	100	
BC858C-AU	PNP	-30	-30	-100	-0.25	-10	-0.5	420	800	-5	-2	330	100	
BC859B-AU	PNP	-30	-30	-100	-0.25	-10	-0.5	220	475	-5	-2	330	100	
BC859C-AU	PNP	-30	-30	-100	-0.25	-10	-0.5	420	800	-5	-2	330	100	
MMBT3906-AU	PNP	-40	-40	-200	-0.4	-50	-5	100	300	-1	-10	225	250	
BC857A-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	125	250	-5	-2	330	100	
BC857B-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	220	475	-5	-2	330	100	
BC857C-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	420	800	-5	-2	330	100	
BC807-16-AU	PNP	-45	-50	-500	-0.7	-500	-50	100	250	-1	-100	330	100	
BC807-25-AU	PNP	-45	-50	-500	-0.7	-500	-50	160	400	-1	-100	330	100	
BC807-40-AU	PNP	-45	-50	-500	-0.7	-500	-50	250	600	-1	-100	330	100	

Small Signal Bipolar Junction Transistors

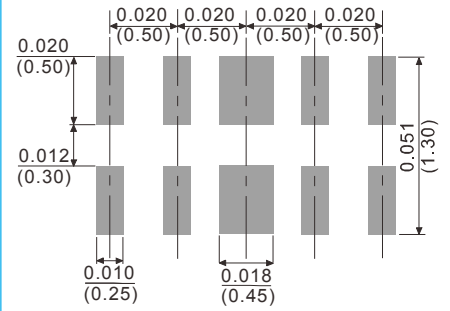
Part Number	Type	V _{CEO}	V _{CBO}	I _C	V _{CE} (sat)			h _{FE}				P _{TOT}	f _T	Package
		Max.	Max.	Max.	Max.	I _C	I _B	Min.	Max.	V _{CE}	I _C	Max.	Min.	
		V	V	mA	V	I _C (mA)	I _B (mA)			(V)	(mA)	mW	MHz	
MMBTA55-AU	PNP	-60	-60	-500	-0.25	-100	-10	100	-	-1	-100	225	100	SOT-23
BC856A-AU	PNP	-65	-80	-100	-0.25	-10	-0.5	125	250	-5	-2	330	100	
BC856B-AU	PNP	-65	-80	-100	-0.25	-10	-0.5	220	475	-5	-2	330	100	
MMBTA56-AU	PNP	-80	-80	-500	-0.25	-100	-10	100	-	-1	-100	225	100	
BC857AW-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	125	250	-5	-2	250	200	SOT-323
BC857BW-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	220	475	-5	-2	250	200	
BC857CW-AU	PNP	-45	-50	-100	-0.25	-10	-0.5	420	800	-5	-2	250	200	
BC807-16W-AU	PNP	-45	-50	-500	-0.7	-500	-50	100	250	-1	-100	300	100	
BC807-25W-AU	PNP	-45	-50	-500	-0.7	-500	-50	160	400	-1	-100	300	100	
BC807-40W-AU	PNP	-45	-50	-500	-0.7	-500	-50	250	600	-1	-100	300	100	
BC856BW-AU	PNP	-65	-80	-100	-0.25	-10	-0.5	220	475	-5	-2	250	200	SOT-363
BC857CS-AU	PNP+PNP	-45	-50	-100	-0.25	-10	-0.5	420	800	-5	-2	150	100	
BC847BPN-AU	NPN+PNP	45	50	100	0.1	10	0.5	200	450	5	2	200	100	
		-45	-50	-100	-0.3	-10	-0.5	200	475	-5	-2	200	100	
BC847CPN-AU	NPN+PNP	45	50	100	0.25	10	0.5	420	800	5	2	380	100	
		-45	-50	-100	-0.03	-10	-0.5	420	800	-5	-2	380	100	

Outline Drawing and Minimum Pad Layout

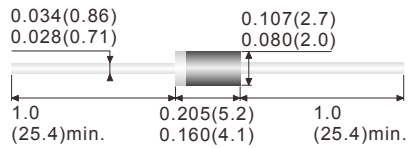
DFN2510-10L



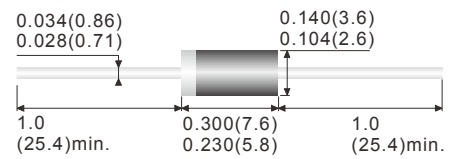
DFN2510-10L



DO-41

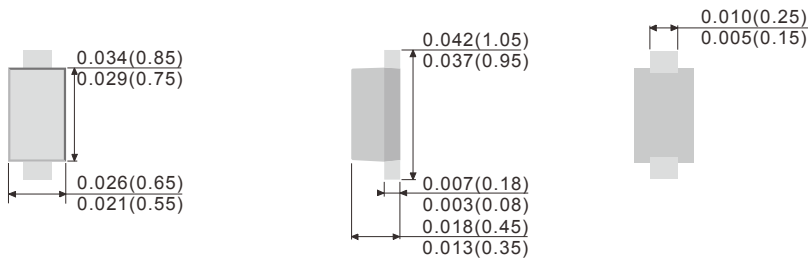


DO-15

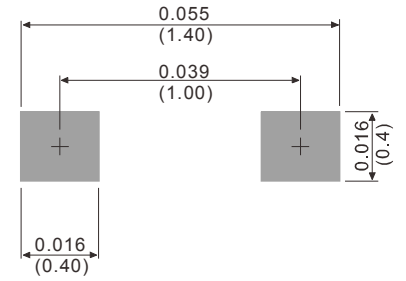


Outline Drawing and Minimum Pad Layout

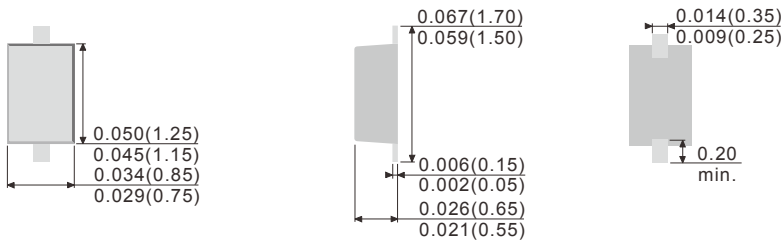
SOD-923



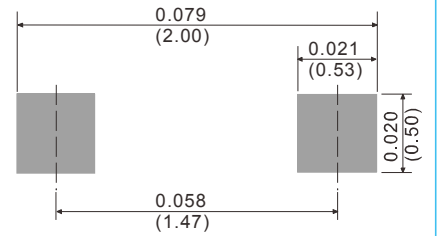
SOD-923



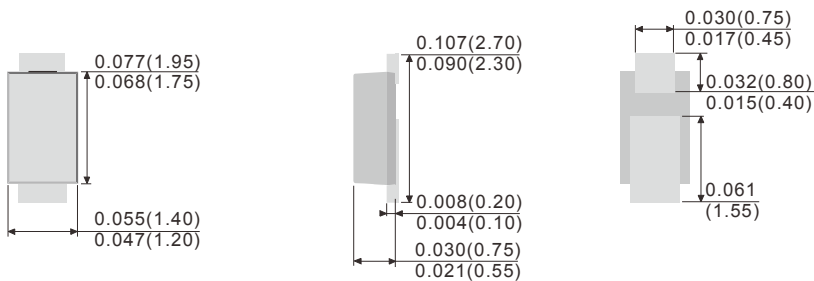
SOD-523



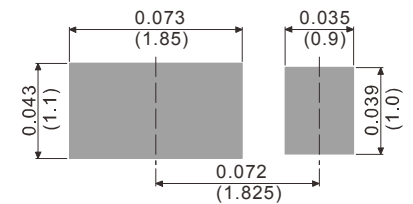
SOD-523



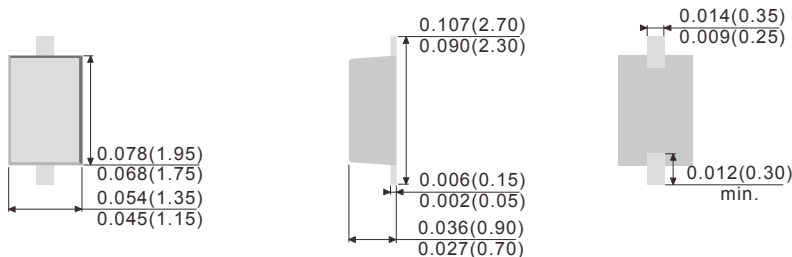
SOD-323HE



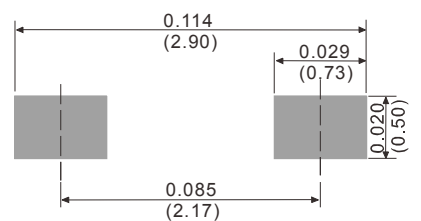
SOD-323HE



SOD-323



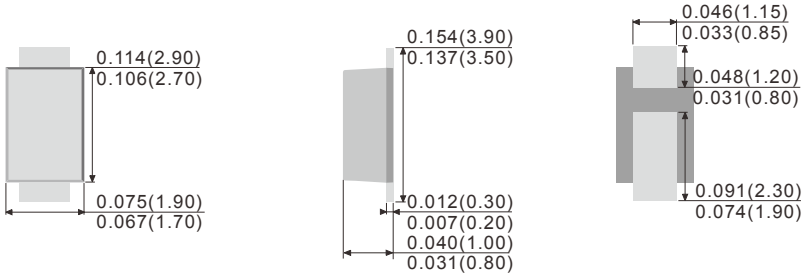
SOD-323



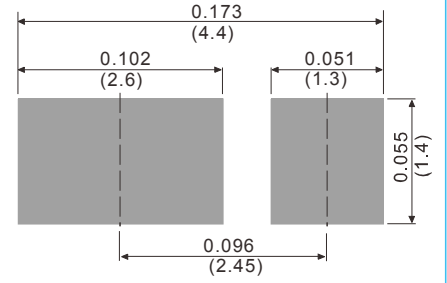
Unit : inch(mm)

Outline Drawing and Minimum Pad Layout

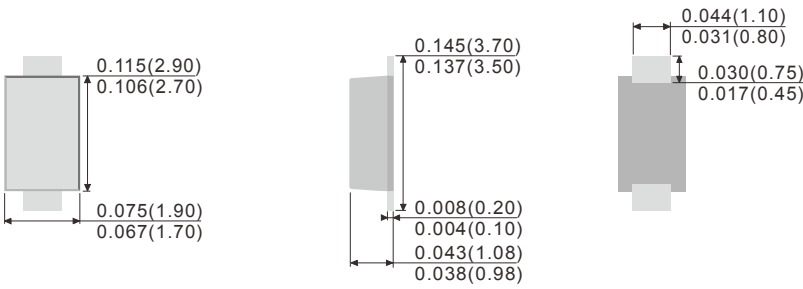
SOD-123HE



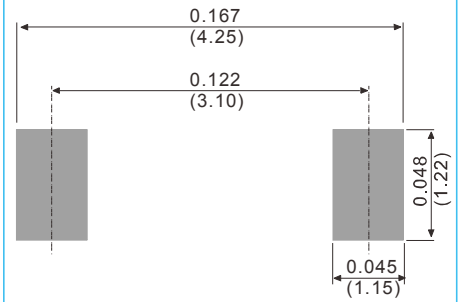
SOD-123HE



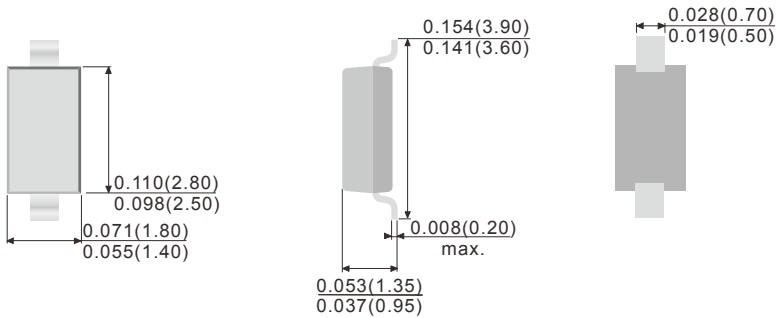
SOD-123FL



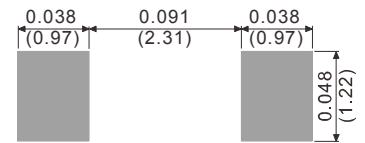
SOD-123FL



SOD-123

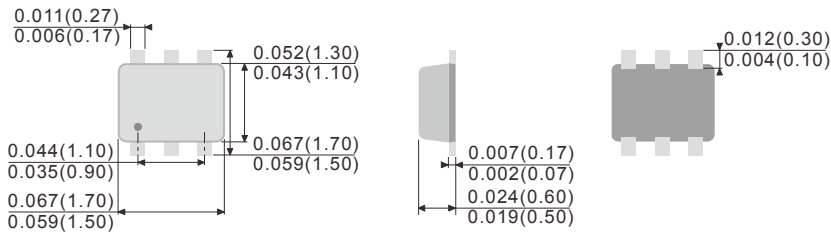


SOD-123

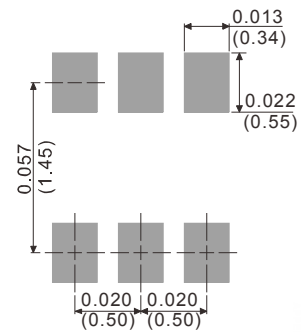


Outline Drawing and Minimum Pad Layout

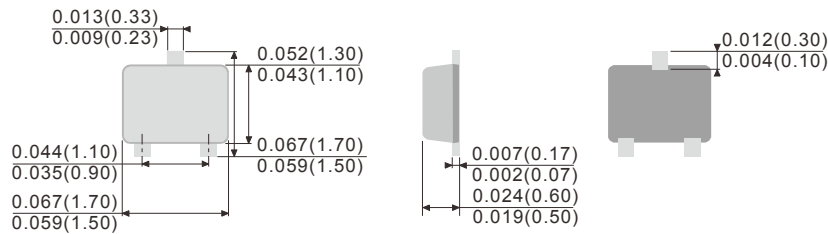
SOT-563



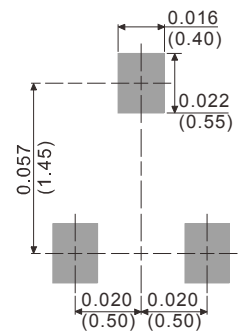
SOT-563



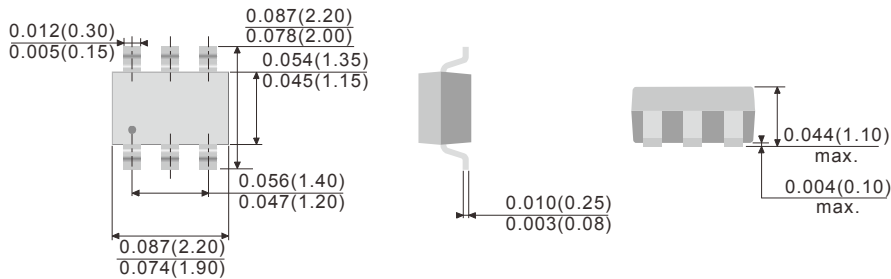
SOT-523



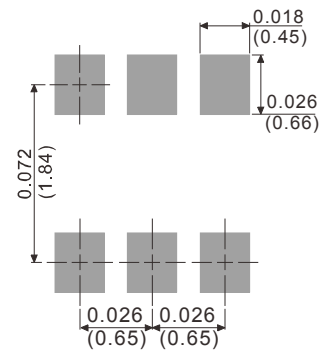
SOT-523



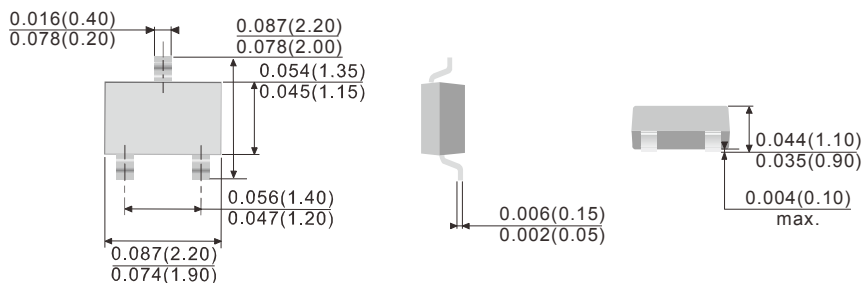
SOT-363



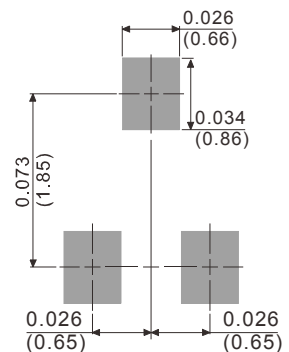
SOT-363



SOT-323



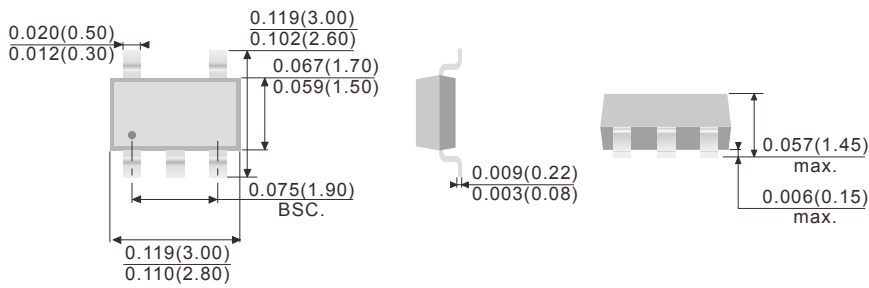
SOT-323



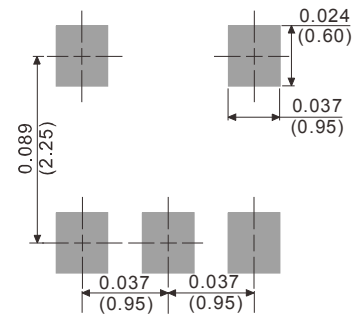
Unit : inch(mm)

Outline Drawing and Minimum Pad Layout

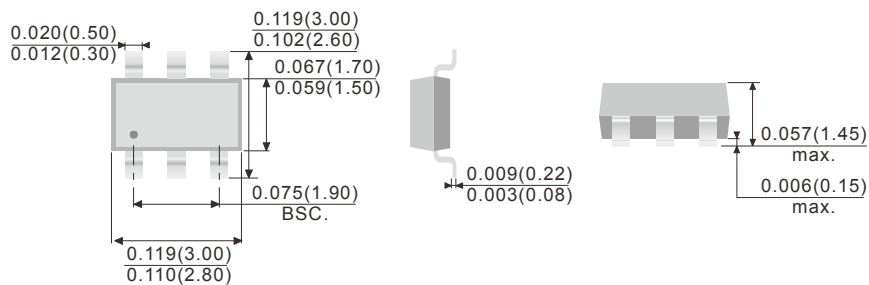
SOT-23 5L



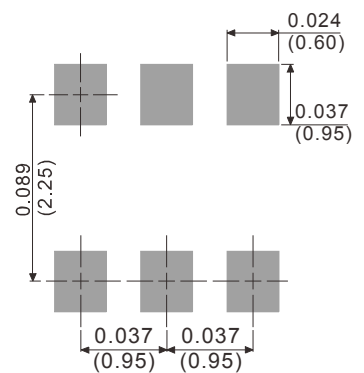
SOT-23 5L



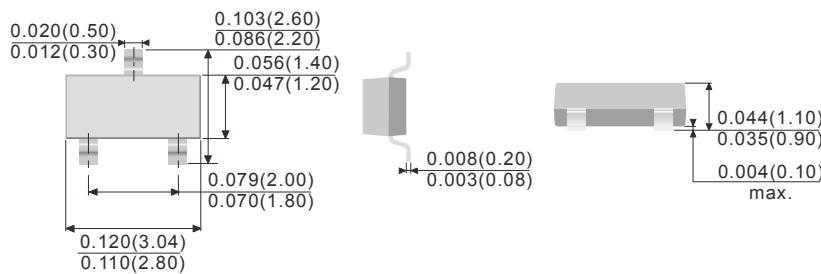
SOT-23 6L



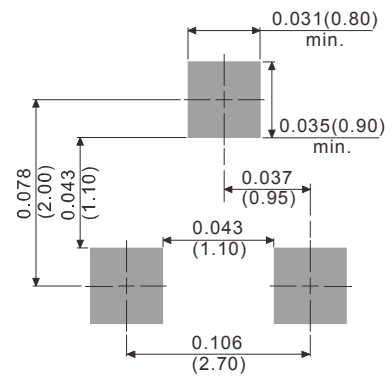
SOT-23 6L



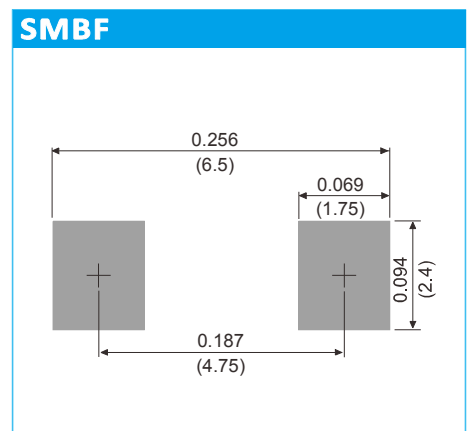
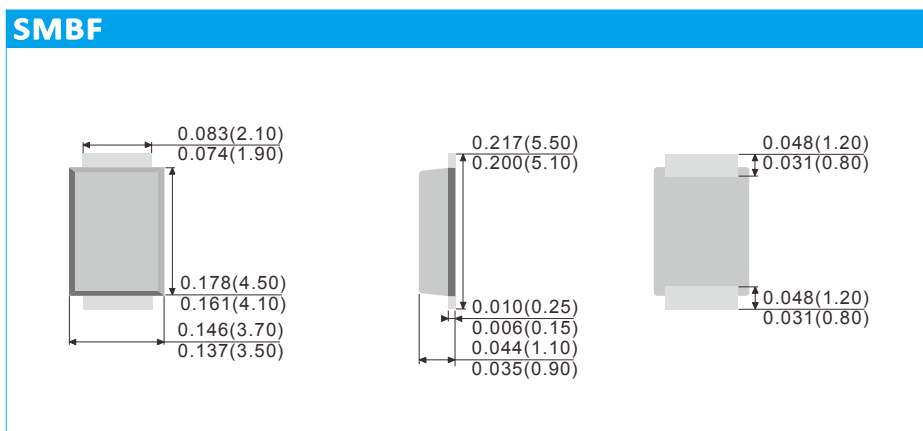
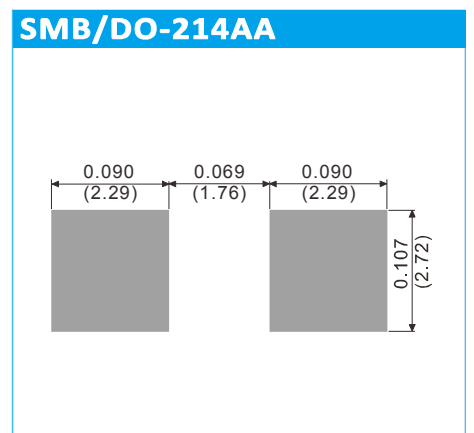
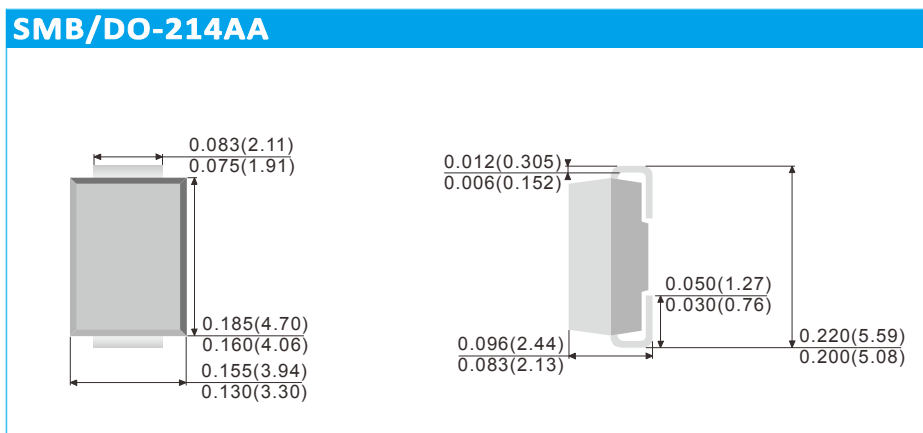
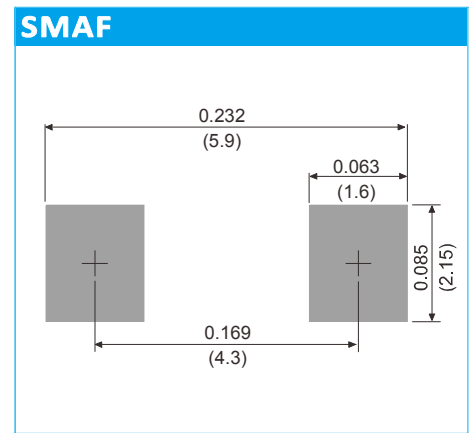
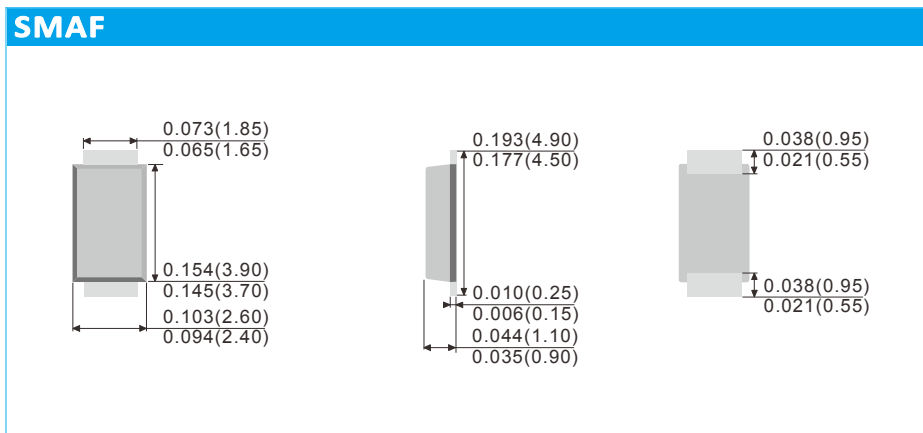
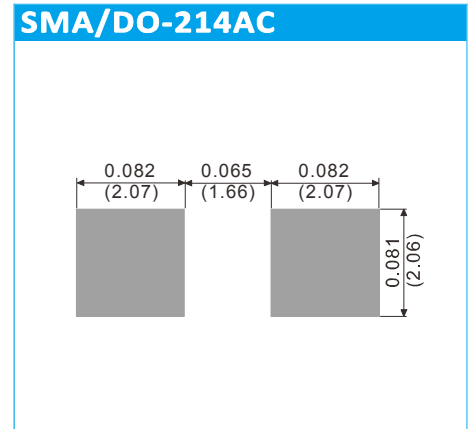
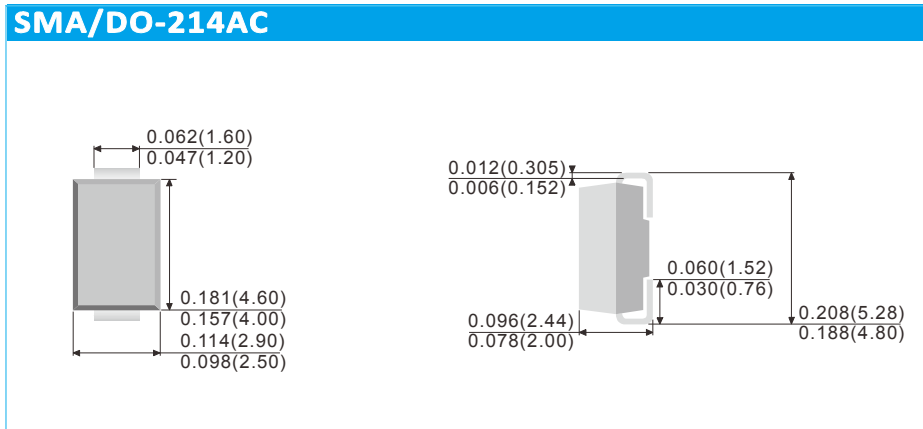
SOT-23



SOT-23



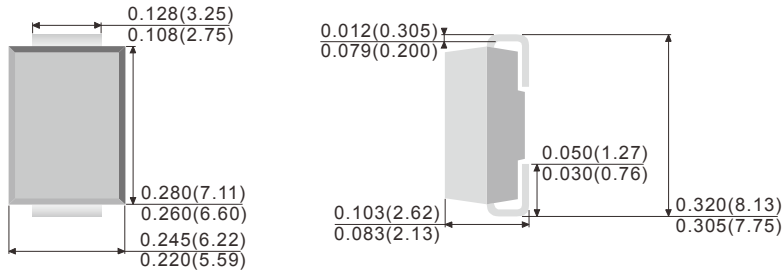
Outline Drawing and Minimum Pad Layout



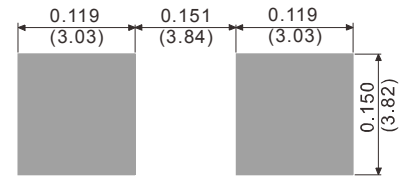
Unit : inch(mm)

Outline Drawing and Minimum Pad Layout

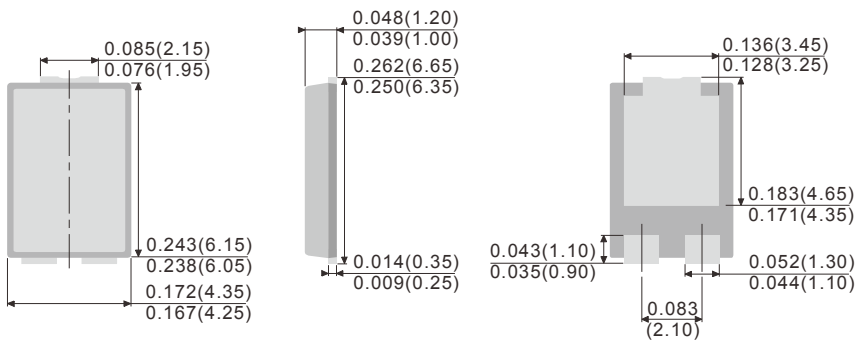
SMC/DO-214AB



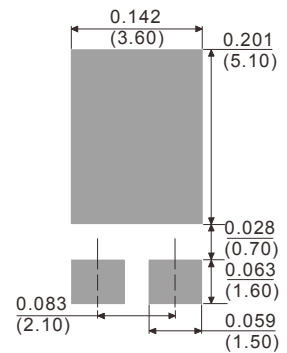
SMC/DO-214AB



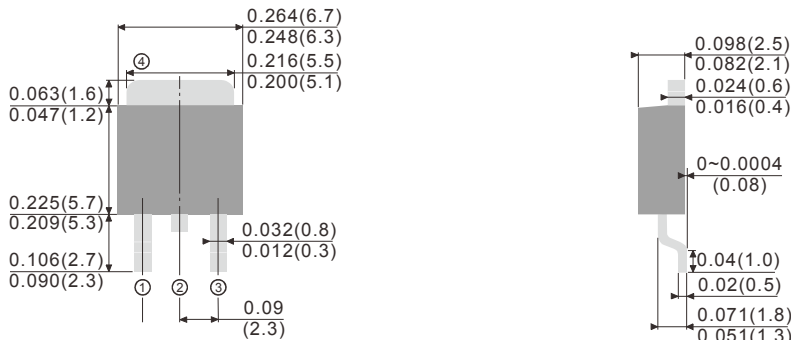
TO-277



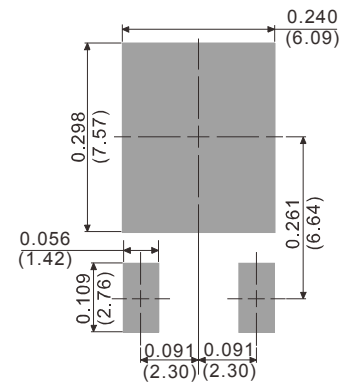
TO-277



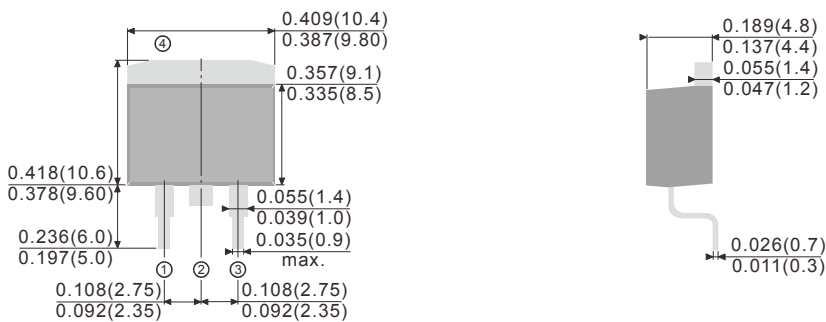
TO-252



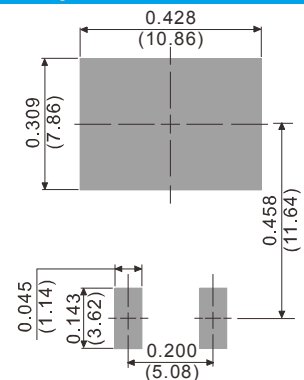
TO-252



TO-263/D²PAK



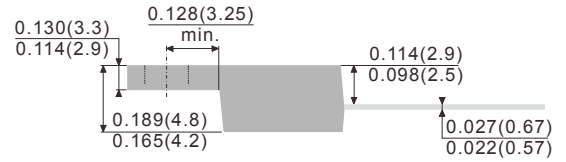
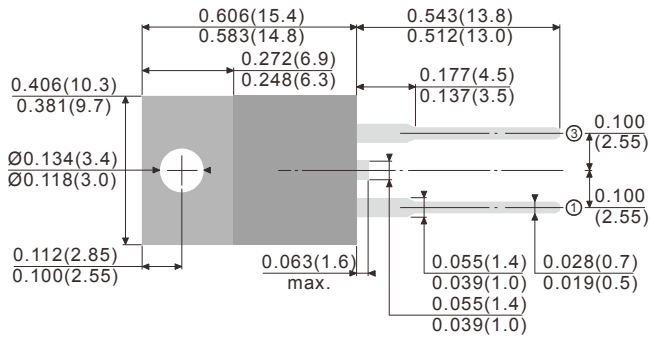
TO-263/D²PAK



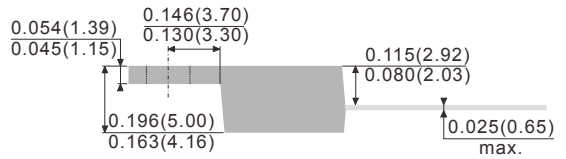
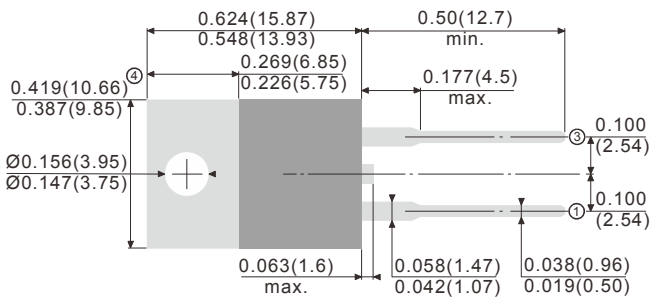
Unit : inch(mm)

Outline Drawing and Minimum Pad Layout

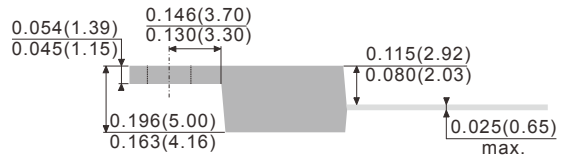
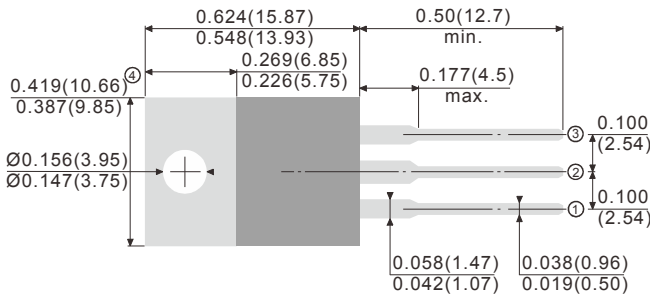
ITO-220AC



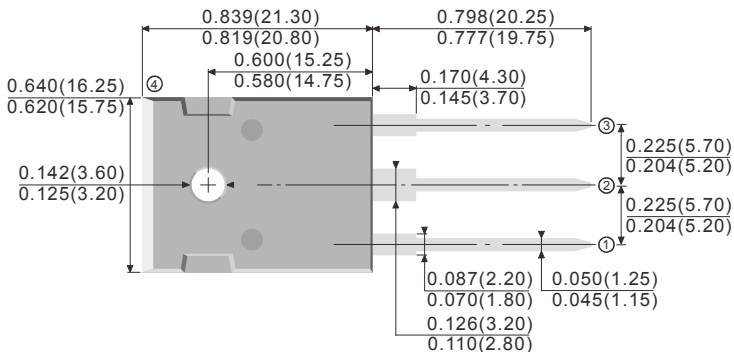
TO-220AC



TO-220AB



TO-3P/TO-247AD



Unit : inch(mm)

Packing Specifications

Package	Reel Size	Reel	Component Space	Tape Space	Reel Diameter	Carton Size	Carton	Approx. Gross Weight
	(inch)	(pcs)	(mm)	(mm)	(mm)	(mm)	(EA)	(kg)
Reel Packing								
DFN2510-10L	7	5,000	4	8	178	390 x 270 x 400	400,000	10.5
	13	12,000	4	8	330	375 x 360 x 213	144,000	6.4
SOD-923	7	8,000	2	8	178	390 x 270 x 400	640,000	7.7
SOD-523	7	5,000	4	8	178	390 x 270 x 400	400,000	9.1
	13	12,000	4	8	330	375 x 360 x 230	144,000	5.4
SOD-323HE	7	5,000	4	8	178	390 x 270 x 400	400,000	11.9
	13	12,000	4	8	178	375 x 360 x 230	144,000	8.3
SOD-323	7	5,000	4	8	178	390 x 270 x 400	400,000	9.4
	13	12,000	4	8	330	375 x 360 x 230	144,000	5.9
SOD-123HE	7	3,000	4	8	178	390 x 270 x 400	240,000	12.4
	13	10,000	4	8	330	375 x 360 x 230	120,000	8.1
SOD-123FL	7	3,000	4	8	178	390 x 270 x 400	240,000	10.6
	13	10,000	4	8	330	375 x 360 x 230	120,000	7.2
SOD-123	7	3,000	4	8	178	390 x 270 x 400	240,000	9.9
	13	10,000	4	8	330	375 x 360 x 230	120,000	6.5
SOT-563	7	4,000	4	8	178	390 x 270 x 400	320,000	10
	13	10,000	4	8	330	375 x 360 x 230	120,000	5.2
SOT-523	7	4,000	4	8	178	390 x 270 x 400	320,000	10
SOT-363	7	3,000	4	8	178	390 x 270 x 400	240,000	9.3
	13	10,000	4	8	330	375 x 360 x 230	120,000	7.1
SOT-23 6L	7	3,000	4	8	178	390 x 270 x 400	240,000	14.5
	13	10,000	4	8	330	375 x 360 x 230	120,000	7.9
SOT-23 5L	7	3,000	4	8	178	390 x 270 x 400	240,000	14.5
	13	10,000	4	8	330	375 x 360 x 230	120,000	7.9
SOT-323	7	3,000	4	8	178	390 x 270 x 400	240,000	7.9
	13	12,000	4	8	330	375 x 360 x 230	144,000	6.1
SOT-23	7	3,000	4	8	178	390 x 270 x 400	240,000	9.8
	13	12,000	4	8	330	375 x 360 x 230	144,000	7
SMAF	7	3,000	4	12	178	390 x 240 x 420	120,000	10.9
	13	10,000	4	12	330	375 x 360 x 422	160,000	17.1
SMBF	7	1,500	8	12	178	390 x 240 x 420	60,000	9.6
	13	5,000	8	12	330	375 x 360 x 422	80,000	15.6
SMA/DO-214AC	7	1,800	4	12	178	390 x 240 x 420	72,000	10
	13	7,500	4	12	330	375 x 360 x 390	120,000	17.4
SMB/DO-214AA	7	500	8	12	178	390 x 240 x 420	20,000	6.5
	13	3,000	8	12	330	375 x 360 x 390	48,000	13.2
SMC/DO-214AB	7	500	8	16	178	390 x 240 x 420	15,000	8.4
	13	3,000	8	16	330	375 x 360 x 390	42,000	18
DO-41	13	5,000	5	52	330	340 x 340 x 410	25,000	11.1
DO-15	13	4,000	5	52	330	340 x 340 x 410	20,000	11.4
TO-277	5	1,500	8	12	178	390 x 240 x 420	60,000	13.5
	13	5,000	8	12	330	375 x 360 x 422	80,000	20.6
TO-252	13	3,000	8	16	330	375 x 360 x 422	42,000	18.8
TO-263/D ² PAK	13	800	16	24	330	375 x 360 x 422	6,400	14.5

Packing Specifications

Package	Inner Box Size	Box	Carton Size	Carton	Approx. Gross Weight
	(mm)	(EA)	(mm)	(EA)	(kg)
Bulk Packing					
DO-41	198 x 84 x 20	1,000	459 x 214 x 256	50,000	19.3
DO-15	200 x 85 x 25	1,000	459 x 214 x 256	40,000	20.7
TO-220AC	540 x 145 x 85	2,000	555 x 306 x 200	8,000	22.9
ITO-220AC	540 x 145 x 85	2,000	555 x 306 x 200	8,000	20.5
TO-220AB	540 x 145 x 85	2,000	555 x 306 x 200	8,000	22.9
TO-3P/TO-247AD	-	-	530 x 243 x 100	1,500	13.9

Package	Inner Box Size	Ammo	Component Space	Tape Space	Carton Size	Carton	Approx. Gross Weight
	(mm)	(pcs)	(mm)	(mm)	(mm)	(EA)	(kg)
Ammunition Packing							
DO-41	255 x 75 x 150	5,000	5	52	339 x 276 x 330	40,000	15.9
	255 x 73 x 95	3,000	5	52	333 x 281 x 218	24,000	8.9
DO-15	255 x 75 x 150	3,000	5	52	339 x 276 x 330	24,000	13.3

BAT54A-AU	2	BR24A-AU	4	BZT52-B68-AU	21	BZT52-C62-AU	22	BZX84B22W-AU	18	BZX84C16TW-AU	19
BAT54-AU	2	BR24-AU	4	BZT52-B68S-AU	15	BZT52-C62S-AU	16	BZX84B24-AU	23	BZX84C16W-AU	18
BAT54C-AU	2	BR25-AU	4	BZT52-B6V2-AU	21	BZT52-C68-AU	22	BZX84B24W-AU	23	BZX84C17-AU	23
BAT54S-AU	2	BR26-AU	4	BZT52-B6V2S-AU	15	BZT52-C68S-AU	16	BZX84B27-AU	18	BZX84C17TW-AU	19
BAT54STB-AU	2	BR28-AU	4	BZT52-B6V8-AU	21	BZT52-C6V2-AU	22	BZX84B27W-AU	18	BZX84C17W-AU	18
BAT54TB6-AU	2	BR29-AU	4	BZT52-B6V8S-AU	15	BZT52-C6V2S-AU	15	BZX84B28-AU	23	BZX84C18-AU	23
BAT54WS-AU	2	BR310-AU	5	BZT52-B75-AU	21	BZT52-C6V8-AU	22	BZX84B28W-AU	18	BZX84C18TW-AU	19
BAV16WS-AU	9	BR34A-AU	5	BZT52-B75S-AU	15	BZT52-C6V8S-AU	15	BZX84B2V4-AU	22	BZX84C18W-AU	18
BAV170-AU	9	BR34-AU	5	BZT52-B7V5-AU	21	BZT52-C75-AU	22	BZX84B2V4W-AU	17	BZX84C20-AU	23
BAV199-AU	9	BR35-AU	5	BZT52-B7V5S-AU	15	BZT52-C75S-AU	16	BZX84B2V7-AU	22	BZX84C20TW-AU	19
BAV19WS-AU	9	BR36-AU	5	BZT52-B8V2-AU	21	BZT52-C7V5-AU	22	BZX84B2V7W-AU	17	BZX84C20W-AU	19
BAV21W-AU	9	BR38-AU	5	BZT52-B8V2S-AU	15	BZT52-C7V5S-AU	15	BZX84B30-AU	23	BZX84C22-AU	23
BAV21WS-AU	9	BR39-AU	5	BZT52-B8V7-AU	21	BZT52-C8V2-AU	22	BZX84B30W-AU	18	BZX84C22TW-AU	19
BAV70-AU	9	BZT52-B10-AU	21	BZT52-B8V7S-AU	15	BZT52-C8V2S-AU	15	BZX84B33-AU	23	BZX84C22W-AU	19
BAV70W-AU	9	BZT52-B10S-AU	15	BZT52-B9V1-AU	21	BZT52-C8V7-AU	22	BZX84B33W-AU	18	BZX84C24-AU	23
BAV99-AU	9	BZT52-B11-AU	21	BZT52-B9V1S-AU	15	BZT52-C8V7S-AU	15	BZX84B36-AU	23	BZX84C24TW-AU	19
BAV99S-AU	9	BZT52-B11S-AU	15	BZT52-C10-AU	22	BZT52-C9V1-AU	22	BZX84B36W-AU	18	BZX84C24W-AU	19
BAV99STB6-AU	9	BZT52-B12-AU	21	BZT52-C10S-AU	15	BZT52-C9V1S-AU	15	BZX84B39-AU	23	BZX84C27-AU	23
BAV99W-AU	9	BZT52-B12S-AU	15	BZT52-C11-AU	22	BZX584C10-AU	14	BZX84B39W-AU	18	BZX84C27TW-AU	19
BAW156-AU	9	BZT52-B13-AU	21	BZT52-C11S-AU	15	BZX584C11-AU	14	BZX84B3-AU	22	BZX84C27W-AU	19
BAW56-AU	9	BZT52-B13S-AU	15	BZT52-C12-AU	22	BZX584C12-AU	14	BZX84B3V3-AU	22	BZX84C28-AU	23
BAW56W-AU	9	BZT52-B14-AU	21	BZT52-C12S-AU	15	BZX584C13-AU	14	BZX84B3V3W-AU	17	BZX84C28TW-AU	19
BC807-16-AU	48	BZT52-B14S-AU	15	BZT52-C13-AU	22	BZX584C14-AU	14	BZX84B3V6-AU	22	BZX84C28W-AU	19
BC807-16W-AU	49	BZT52-B15-AU	21	BZT52-C13S-AU	15	BZX584C15-AU	14	BZX84B3V6W-AU	17	BZX84C2V4TW-AU	19
BC807-25-AU	48	BZT52-B15S-AU	15	BZT52-C14-AU	22	BZX584C16-AU	14	BZX84B3V9-AU	22	BZX84C2V4W-AU	18
BC807-25W-AU	49	BZT52-B16-AU	21	BZT52-C14S-AU	15	BZX584C17-AU	14	BZX84B3V9W-AU	17	BZX84C2V7-AU	23
BC807-40-AU	48	BZT52-B16S-AU	15	BZT52-C15-AU	22	BZX584C18-AU	14	BZX84B3-AU	23	BZX84C2V7TW-AU	19
BC807-40W-AU	49	BZT52-B17-AU	21	BZT52-C15S-AU	16	BZX584C20-AU	14	BZX84B43-AU	23	BZX84C2V7W-AU	18
BC817-16-AU	48	BZT52-B17S-AU	15	BZT52-C16-AU	22	BZX584C22-AU	14	BZX84B43W-AU	18	BZX84C30-AU	23
BC817-16W-AU	48	BZT52-B18-AU	21	BZT52-C16S-AU	16	BZX584C24-AU	14	BZX84B47-AU	23	BZX84C30TW-AU	19
BC817-25-AU	48	BZT52-B18S-AU	15	BZT52-C17-AU	22	BZX584C27-AU	14	BZX84B47W-AU	18	BZX84C30W-AU	19
BC817-25W-AU	48	BZT52-B20-AU	21	BZT52-C17S-AU	16	BZX584C28-AU	14	BZX84B4V3-AU	22	BZX84C33-AU	23
BC817-40-AU	48	BZT52-B20S-AU	15	BZT52-C18-AU	22	BZX584C2V4-AU	14	BZX84B4V3W-AU	17	BZX84C33TW-AU	19
BC817-40W-AU	48	BZT52-B22-AU	21	BZT52-C18S-AU	16	BZX584C2V7-AU	14	BZX84B4V7-AU	22	BZX84C33W-AU	19
BC846A-AU	48	BZT52-B22S-AU	15	BZT52-C20-AU	22	BZX584C30-AU	14	BZX84B4V7W-AU	17	BZX84C36-AU	24
BC846AS-AU	48	BZT52-B24-AU	21	BZT52-C20S-AU	16	BZX584C33-AU	14	BZX84B51-AU	23	BZX84C36TW-AU	19
BC846AW-AU	48	BZT52-B24S-AU	15	BZT52-C22-AU	22	BZX584C36-AU	14	BZX84B51W-AU	18	BZX84C36W-AU	19
BC846B-AU	48	BZT52-B27-AU	21	BZT52-C22S-AU	16	BZX584C39-AU	14	BZX84B56-AU	23	BZX84C39-AU	24
BC846BS-AU	48	BZT52-B27S-AU	15	BZT52-C24-AU	22	BZX584C43-AU	14	BZX84B56W-AU	18	BZX84C39TW-AU	19
BC846BW-AU	48	BZT52-B28-AU	21	BZT52-C24S-AU	16	BZX584C3V3-AU	14	BZX84B5V1-AU	22	BZX84C39W-AU	19
BC847A-AU	48	BZT52-B28S-AU	15	BZT52-C27-AU	22	BZX584C3V6-AU	14	BZX84B5V1W-AU	17	BZX84C3-AU	23
BC847AS-AU	48	BZT52-B2V4-AU	21	BZT52-C27S-AU	16	BZX584C3V9-AU	14	BZX84B5V6-AU	22	BZX84C3V0TW-AU	19
BC847AW-AU	48	BZT52-B2V4S-AU	14	BZT52-C28-AU	22	BZX584C43-AU	14	BZX84B5V6W-AU	17	BZX84C3V3-AU	23
BC847B-AU	48	BZT52-B2V7-AU	21	BZT52-C28S-AU	16	BZX584C47-AU	14	BZX84B62-AU	23	BZX84C3V3TW-AU	19
BC847BPN-AU	49	BZT52-B2V7S-AU	14	BZT52-C2V4-AU	21	BZX584C4V3-AU	14	BZX84B62W-AU	18	BZX84C3V3W-AU	18
BC847BS-AU	48	BZT52-B30-AU	21	BZT52-C2V4S-AU	15	BZX584C4V7-AU	14	BZX84B68-AU	23	BZX84C3V6-AU	23
BC847BW-AU	48	BZT52-B30S-AU	15	BZT52-C2V7-AU	21	BZX584C51-AU	14	BZX84B68W-AU	18	BZX84C3V6TW-AU	19
BC847C-AU	48	BZT52-B33-AU	21	BZT52-C2V7S-AU	15	BZX584C56-AU	14	BZX84B6V2-AU	22	BZX84C3V6W-AU	18
BC847CPN-AU	49	BZT52-B33S-AU	15	BZT52-C30-AU	22	BZX584C5V1-AU	14	BZX84B6V2W-AU	17	BZX84C3V9-AU	23
BC847CW-AU	48	BZT52-B36-AU	21	BZT52-C30S-AU	16	BZX584C5V6-AU	14	BZX84B6V8-AU	22	BZX84C3V9TW-AU	19
BC848A-AU	48	BZT52-B36S-AU	15	BZT52-C33-AU	22	BZX584C62-AU	14	BZX84B6V8W-AU	17	BZX84C3V9W-AU	18
BC848AW-AU	48	BZT52-B39-AU	21	BZT52-C33S-AU	16	BZX584C68-AU	14	BZX84B75-AU	23	BZX84C3W-AU	18
BC848B-AU	48	BZT52-B39S-AU	15	BZT52-C36-AU	22	BZX584C6V2-AU	14	BZX84B75W-AU	18	BZX84C43-AU	24
BC848BW-AU	48	BZT52-B3-AU	21	BZT52-C36S-AU	16	BZX584C6V8-AU	14	BZX84B7V5-AU	22	BZX84C43TW-AU	19
BC848C-AU	48	BZT52-B3S-AU	14	BZT52-C39-AU	22	BZX584C75-AU	14	BZX84B7V5W-AU	17	BZX84C43W-AU	19
BC848CW-AU	48	BZT52-B3V3-AU	21	BZT52-C39S-AU	16	BZX584C7V5-AU	14	BZX84B8V2-AU	22	BZX84C47-AU	24
BC849B-AU	48	BZT52-B3V3S-AU	14	BZT52-C3-AU	21	BZX584C8V2-AU	14	BZX84B8V2W-AU	17	BZX84C47TW-AU	19
BC849BW-AU	48	BZT52-B3V6-AU	21	BZT52-C3S-AU	15	BZX584C8V7-AU	14	BZX84B8V7-AU	22	BZX84C47W-AU	19
BC849C-AU	48	BZT52-B3V6S-AU	14	BZT52-C3V3-AU	21	BZX584C9V1-AU	14	BZX84B8V7W-AU	18	BZX84C4V3-AU	23
BC849CW-AU	48	BZT52-B3V9-AU	21	BZT52-C3V3S-AU	15	BZX84B10-AU	22	BZX84B9V1-AU	22	BZX84C4V3TW-AU	19
BC850B-AU	48	BZT52-B3V9S-AU	14	BZT52-C3V6-AU	21	BZX84B10W-AU	18	BZX84B9V1W-AU	18	BZX84C4V3W-AU	18
BC850BW-AU	48	BZT52-B43-AU	21	BZT52-C3V6S-AU	15	BZX84B11-AU	22	BZX84C10-AU	23	BZX84C4V7-AU	23
BC850C-AU	48	BZT52-B43S-AU	15	BZT52-C3V9-AU	21	BZX84B11W-AU	18	BZX84C10TW-AU	19	BZX84C4V7TW-AU	19
BC850CW-AU	48	BZT52-B47-AU	21	BZT52-C3V9S-AU	15	BZX84B12-AU	22	BZX84C10W-AU	18	BZX84C4V7W-AU	18
BC856A-AU	49	BZT52-B47S-AU	15	BZT52-C43-AU	22	BZX84B12W-AU	18	BZX84C11-AU	23	BZX84C51-AU	24
BC856B-AU	49	BZT52-B4V3-AU	21	BZT52-C43S-AU	16	BZX84B13-AU	22	BZX84C11TW-AU	19	BZX84C51TW-AU	19
BC856BW-AU	49	BZT52-B4V3S-AU	14	BZT52-C47-AU	22	BZX84B13W-AU	18	BZX84C11W-AU	18	BZX84C51W-AU	19
BC857A-AU	48	BZT52-B4V7-AU	21	BZT52-C47S-AU	16	BZX84B14-AU	23	BZX84C12-AU	23	BZX84C56-AU	24
BC857AW-AU	49	BZT52-B4V7S-AU	14	BZT52-C4V3-AU	21	BZX84B14W-AU	18	BZX84C12TW-AU	19	BZX84C56TW-AU	19
BC857B-AU	48	BZT52-B51-AU	21	BZT52-C4V3S-AU	15	BZX84B15-AU	23	BZX84C12W-AU	18	BZX84C56W-AU	19
BC857BW-AU	49	BZT52-B51S-AU	15	BZT52-C4V7-AU	21	BZX84B15W-AU	18	BZX84C13-AU	23	BZX84C5V1-AU	23
BC857C-AU	48	BZT52-B56-AU	21	BZT52-C4V7S-AU	15	BZX84B16-AU	23	BZX84C13TW-AU	19	BZX84C5V1TW-AU	19
BC857CS-AU	49	BZT52-B56S-AU	15	BZT52-C51-AU	22	BZX84B16W-AU	18	BZX84C13W-AU	23	BZX84C5V1W-AU	19
BC857CW-AU	49	BZT52-B5V1-AU	21	BZT52-C51S-AU	16	BZX84B17-AU	23	BZX84C14-AU	23	BZX84C5V6-AU	23
BC858A-AU	48	BZT52-B5V1S-AU	14	BZT52-C56-AU	22	BZX84B17W-AU	18	BZX84C14TW-AU	19	BZX84C5V6TW-AU	19
BC858B-AU	48	BZT52-B5V6-AU	21	BZT52-C56S-AU	16	BZX84B18-AU	23	BZX84C14W-AU	18	BZX84C5V6W-AU	18
BC858C-AU	48	BZT52-B5V6S-AU	14	BZT52-C5V1-AU	21	BZX84B18W-AU	18	BZX84C15-AU	24	BZX84C62-AU	24
BC859B-AU	48	BZT52-B5V8S-AU	14	BZT52-C5V1S-AU	15	BZX84B20-AU	23	BZX84C15TW-AU	19	BZX84C62TW-AU	19
BC859C-AU	48	BZT52-B62-AU	21	BZT52-C5V6-AU	22	BZX84B20W-AU	18	BZX84C15W-AU	18	BZX84C62W-AU	19
BR210-AU	4	BZT52-B62S-AU	15	BZT52-C5V6S-AU	15	BZX84B22-AU	23	BZX84C16-AU	23	BZX84C68-AU	24

BZX84C68TW-AU	19	GS1G-AU	10	MMSZ5221BS-AU	17	MMSZ5246AS-AU	16	P4SMAJ120-AU	32	P4SMAJ26-AU	31
BZX84C68W-AU	19	GS1J-AU	10	MMSZ5222B-AU	25	MMSZ5246B-AU	26	P4SMAJ120CA-AU	40	P4SMAJ26CA-AU	39
BZX84C6V2-AU	23	GS1JF-AU	10	MMSZ5222BS-AU	17	MMSZ5246BS-AU	17	P4SMAJ120C-AU	40	P4SMAJ26C-AU	39
BZX84C6V2TW-AU	19	GS1K-AU	10	MMSZ5223B-AU	25	MMSZ5247A-AU	25	P4SMAJ12A-AU	31	P4SMAJ28A-AU	31
BZX84C6V2W-AU	18	GS1M-AU	10	MMSZ5223BS-AU	17	MMSZ5247AS-AU	16	P4SMAJ12-AU	31	P4SMAJ28-AU	31
BZX84C6V8-AU	23	GS1MF-AU	10	MMSZ5224B-AU	25	MMSZ5247B-AU	26	P4SMAJ12CA-AU	39	P4SMAJ28CA-AU	39
BZX84C6V8TW-AU	19			MMSZ5225B-AU	25	MMSZ5247BS-AU	17	P4SMAJ12C-AU	39	P4SMAJ28C-AU	39
BZX84C6V8W-AU	18			MMSZ5225BS-AU	17	MMSZ5248A-AU	25	P4SMAJ130A-AU	32	P4SMAJ30A-AU	31
BZX84C75-AU	24	MB210-AU	4	MMSZ5226B-AU	25	MMSZ5248AS-AU	16	P4SMAJ130-AU	32	P4SMAJ30-AU	31
BZX84C75TW-AU	19	MB24A-AU	4	MMSZ5226BS-AU	17	MMSZ5248B-AU	26	P4SMAJ130CA-AU	40	P4SMAJ30CA-AU	39
BZX84C75W-AU	19	MB24-AU	4	MMSZ5227B-AU	25	MMSZ5248BS-AU	17	P4SMAJ130C-AU	40	P4SMAJ30C-AU	39
BZX84C7V5-AU	23	MB25-AU	4	MMSZ5227BS-AU	17	MMSZ5249B-AU	26	P4SMAJ13A-AU	31	P4SMAJ33A-AU	31
BZX84C7V5TW-AU	19	MB26-AU	4	MMSZ5228B-AU	25	MMSZ5250A-AU	25	P4SMAJ13-AU	31	P4SMAJ33-AU	31
BZX84C7V5W-AU	18	MB28-AU	4	MMSZ5228BS-AU	17	MMSZ5250AS-AU	16	P4SMAJ13CA-AU	39	P4SMAJ33CA-AU	39
BZX84C8V2-AU	23	MB29-AU	4	MMSZ5229A-AU	25	MMSZ5250B-AU	26	P4SMAJ13C-AU	39	P4SMAJ33C-AU	39
BZX84C8V2TW-AU	19	MB34A-AU	5	MMSZ5229AS-AU	16	MMSZ5250BS-AU	17	P4SMAJ14A-AU	31	P4SMAJ36A-AU	31
BZX84C8V2W-AU	18	MB34-AU	5	MMSZ5229B-AU	25	MMSZ5251A-AU	25	P4SMAJ14-AU	31	P4SMAJ36-AU	31
BZX84C8V7-AU	23	MB35-AU	5	MMSZ5229BS-AU	17	MMSZ5251AS-AU	16	P4SMAJ14CA-AU	39	P4SMAJ36CA-AU	39
BZX84C8V7TW-AU	19	MB36-AU	5	MMSZ5230A-AU	25	MMSZ5251B-AU	26	P4SMAJ14C-AU	39	P4SMAJ36C-AU	39
BZX84C8V7W-AU	18	MB38-AU	5	MMSZ5230AS-AU	16	MMSZ5251BS-AU	17	P4SMAJ150A-AU	32	P4SMAJ40A-AU	31
BZX84C9V1-AU	23	MBR1020VL-AU	4	MMSZ5230B-AU	25	MMSZ5252A-AU	25	P4SMAJ150-AU	32	P4SMAJ40-AU	31
BZX84C9V1TW-AU	19	MBR1040HEWS-AU	4	MMSZ5230BS-AU	17	MMSZ5252AS-AU	16	P4SMAJ150CA-AU	40	P4SMAJ40CA-AU	39
BZX84C9V1W-AU	18	MBR30100CT-AU	6	MMSZ5231A-AU	25	MMSZ5252B-AU	26	P4SMAJ150C-AU	40	P4SMAJ40C-AU	39
		MBR30150CT-AU	6	MMSZ5231AS-AU	16	MMSZ5252BS-AU	17	P4SMAJ15A-AU	31	P4SMAJ43A-AU	32
		MBR3040CT-AU	6	MMSZ5231B-AU	25	MMSZ5253B-AU	26	P4SMAJ15-AU	31	P4SMAJ43-AU	32
		MBR3045CT-AU	6	MMSZ5231BS-AU	17	MMSZ5254A-AU	25	P4SMAJ15CA-AU	39	P4SMAJ43CA-AU	40
		MBR3050CT-AU	6	MMSZ5232A-AU	25	MMSZ5254AS-AU	16	P4SMAJ15C-AU	39	P4SMAJ43C-AU	40
		MBR3060CT-AU	6	MMSZ5232AS-AU	16	MMSZ5254B-AU	26	P4SMAJ160A-AU	32	P4SMAJ45A-AU	32
		MBR3080CT-AU	6	MMSZ5232B-AU	25	MMSZ5254BS-AU	17	P4SMAJ160-AU	32	P4SMAJ45-AU	32
		MBR3090CT-AU	6	MMSZ5232BS-AU	17	MMSZ5255A-AU	25	P4SMAJ160CA-AU	40	P4SMAJ45CA-AU	40
		MMBD3004S-AU	9	MMSZ5233B-AU	25	MMSZ5255AS-AU	16	P4SMAJ160C-AU	40	P4SMAJ45C-AU	40
		MMBD6050WS-AU	9	MMSZ5234A-AU	25	MMSZ5255B-AU	26	P4SMAJ16A-AU	31	P4SMAJ48A-AU	32
		MMBD914WS-AU	9	MMSZ5234AS-AU	16	MMSZ5255BS-AU	17	P4SMAJ16-AU	31	P4SMAJ48-AU	32
		MMBT2222A-AU	48	MMSZ5234B-AU	25	MMSZ5256A-AU	25	P4SMAJ16CA-AU	39	P4SMAJ48CA-AU	40
		MMBT3904-AU	48	MMSZ5234BS-AU	17	MMSZ5256AS-AU	16	P4SMAJ16C-AU	39	P4SMAJ48C-AU	40
		MMBT3906-AU	48	MMSZ5235A-AU	25	MMSZ5256B-AU	26	P4SMAJ170A-AU	32	P4SMAJ5.0A-AU	31
		MMBT405-AU	48	MMSZ5235AS-AU	16	MMSZ5256BS-AU	17	P4SMAJ170-AU	32	P4SMAJ5.0-AU	31
		MMBT406-AU	48	MMSZ5235B-AU	25	MMSZ5257A-AU	25	P4SMAJ170CA-AU	40	P4SMAJ5.0CA-AU	39
		MMBT442-AU	48	MMSZ5235BS-AU	17	MMSZ5257AS-AU	16	P4SMAJ170C-AU	40	P4SMAJ5.0C-AU	39
		MMBTA55-AU	49	MMSZ5236A-AU	25	MMSZ5257B-AU	26	P4SMAJ17A-AU	31	P4SMAJ51A-AU	32
		MMBTA56-AU	49	MMSZ5236AS-AU	16	MMSZ5257BS-AU	17	P4SMAJ17-AU	31	P4SMAJ51-AU	32
		MMBZ5228B-AU	24	MMSZ5236B-AU	25	MMSZ5258A-AU	25	P4SMAJ17CA-AU	39	P4SMAJ51CA-AU	40
		MMBZ5230B-AU	24	MMSZ5236BS-AU	17	MMSZ5258AS-AU	16	P4SMAJ17C-AU	39	P4SMAJ51C-AU	40
		MMBZ5232B-AU	24	MMSZ5237A-AU	25	MMSZ5258B-AU	26	P4SMAJ180A-AU	32	P4SMAJ54A-AU	32
		MMBZ5234B-AU	24	MMSZ5237AS-AU	16	MMSZ5258BS-AU	17	P4SMAJ180-AU	32	P4SMAJ54-AU	32
		MMBZ5239B-AU	24	MMSZ5237B-AU	25	MMSZ5259A-AU	25	P4SMAJ180CA-AU	40	P4SMAJ54CA-AU	40
		MMBZ5240B-AU	24	MMSZ5237BS-AU	17	MMSZ5259AS-AU	16	P4SMAJ180C-AU	40	P4SMAJ54C-AU	40
		MMBZ5245B-AU	24	MMSZ5238A-AU	25	MMSZ5259B-AU	26	P4SMAJ18A-AU	31	P4SMAJ58A-AU	32
		MMBZ5248B-AU	24	MMSZ5238AS-AU	16	MMSZ5259BS-AU	17	P4SMAJ18-AU	31	P4SMAJ58-AU	32
		MMBZ5256B-AU	24	MMSZ5238B-AU	25	MMSZ5260A-AU	25	P4SMAJ18CA-AU	39	P4SMAJ58CA-AU	40
		MMBZ5262B-AU	24	MMSZ5238BS-AU	17	MMSZ5260AS-AU	16	P4SMAJ18C-AU	39	P4SMAJ58C-AU	40
		MMSZ4687-V-AU	24	MMSZ5239A-AU	25	MMSZ5260B-AU	26	P4SMAJ190A-AU	32	P4SMAJ6.0A-AU	31
		MMSZ4688-V-AU	24	MMSZ5239AS-AU	16	MMSZ5260BS-AU	17	P4SMAJ190-AU	32	P4SMAJ6.0-AU	31
		MMSZ4689S-V-AU	24	MMSZ5239B-AU	25	MMSZ5261A-AU	25	P4SMAJ190CA-AU	40	P4SMAJ6.0CA-AU	39
		MMSZ4689V-AU	24	MMSZ5239BS-AU	17	MMSZ5261AS-AU	16	P4SMAJ190C-AU	40	P4SMAJ6.0C-AU	39
		MMSZ4690-V-AU	24	MMSZ5240A-AU	25	MMSZ5261B-AU	26	P4SMAJ200A-AU	32	P4SMAJ6.5A-AU	31
		MMSZ4691-V-AU	24	MMSZ5240AS-AU	16	MMSZ5261BS-AU	17	P4SMAJ200-AU	32	P4SMAJ6.5-AU	31
		MMSZ4692-V-AU	24	MMSZ5240B-AU	25	MMSZ5262A-AU	25	P4SMAJ200CA-AU	40	P4SMAJ6.5CA-AU	39
		MMSZ4694-V-AU	24	MMSZ5240BS-AU	17	MMSZ5262AS-AU	16	P4SMAJ200C-AU	40	P4SMAJ6.5C-AU	39
		MMSZ4696-V-AU	24	MMSZ5241A-AU	25	MMSZ5262B-AU	26	P4SMAJ20A-AU	31	P4SMAJ60A-AU	32
		MMSZ4697-V-AU	24	MMSZ5241AS-AU	16	MMSZ5262BS-AU	17	P4SMAJ20-AU	31	P4SMAJ60-AU	32
		MMSZ4699-V-AU	24	MMSZ5241B-AU	25			P4SMAJ20CA-AU	39	P4SMAJ60CA-AU	40
		MMSZ4700-V-AU	24	MMSZ5241BS-AU	17			P4SMAJ20C-AU	39	P4SMAJ60C-AU	40
FR2A-AU	11	MMSZ4701-V-AU	24	MMSZ5242A-AU	25			P4SMAJ210A-AU	32	P4SMAJ64A-AU	32
FR2B-AU	11	MMSZ4702-V-AU	24	MMSZ5242AS-AU	16	P4SMAJ100A-AU	32	P4SMAJ210-AU	32	P4SMAJ64-AU	32
FR2D-AU	11	MMSZ4702WS-AU	16	MMSZ5242B-AU	26	P4SMAJ100CA-AU	40	P4SMAJ210CA-AU	40	P4SMAJ64CA-AU	40
FR2G-AU	11	MMSZ4703-V-AU	24	MMSZ5242BS-AU	17	P4SMAJ100C-AU	40	P4SMAJ210C-AU	40	P4SMAJ64C-AU	40
FR2J-AU	11	MMSZ4704-V-AU	24	MMSZ5243A-AU	25	P4SMAJ10A-AU	31	P4SMAJ220A-AU	32	P4SMAJ7.0A-AU	31
		MMSZ4705-V-AU	24	MMSZ5243AS-AU	16	P4SMAJ10-AU	31	P4SMAJ220-AU	32	P4SMAJ7.0-AU	31
		MMSZ4707-V-AU	24	MMSZ5243B-AU	26	P4SMAJ10CA-AU	39	P4SMAJ220CA-AU	40	P4SMAJ7.0CA-AU	39
		MMSZ4708-V-AU	24	MMSZ5243BS-AU	17	P4SMAJ10C-AU	39	P4SMAJ220C-AU	40	P4SMAJ7.0C-AU	39
		MMSZ4709-V-AU	24	MMSZ5244A-AU	25	P4SMAJ110A-AU	32	P4SMAJ22A-AU	31	P4SMAJ7.5A-AU	31
		MMSZ4710-V-AU	24	MMSZ5244AS-AU	16	P4SMAJ110-AU	32	P4SMAJ22-AU	31	P4SMAJ7.5-AU	31
		MMSZ4711-V-AU	24	MMSZ5244B-AU	26	P4SMAJ110CA-AU	40	P4SMAJ22CA-AU	39	P4SMAJ7.5CA-AU	39
		MMSZ4712-V-AU	24	MMSZ5244BS-AU	17	P4SMAJ110C-AU	40	P4SMAJ22C-AU	39	P4SMAJ7.5C-AU	39
		MMSZ4713-V-AU	24	MMSZ5245A-AU	25	P4SMAJ11A-AU	31	P4SMAJ24A-AU	31	P4SMAJ70A-AU	32
		MMSZ4714-V-AU	24	MMSZ5245AS-AU	16	P4SMAJ11-AU	31	P4SMAJ24-AU	31	P4SMAJ70-AU	32
		MMSZ4715-V-AU	24	MMSZ5245B-AU	26	P4SMAJ11CA-AU	39	P4SMAJ24CA-AU	39	P4SMAJ70CA-AU	40
		MMSZ4717-V-AU	24	MMSZ5245BS-AU	17	P4SMAJ11C-AU	39	P4SMAJ24C-AU	39	P4SMAJ70C-AU	40
		MMSZ5221B-AU	25	MMSZ5246A-AU	25	P4SMAJ120A-AU	32	P4SMAJ26A-AU	31	P4SMAJ75A-AU	32

P4SMAJ75-AU	32	P6SMB130C-AU	41	P6SMBJ100-AU	35	P6SMBJ210-AU	35	P6SMBJ64-AU	35	PJGBLC03-AU	29
P4SMAJ75CA-AU	40	P6SMB13A-AU	33	P6SMBJ100CA-AU	43	P6SMBJ210CA-AU	43	P6SMBJ64CA-AU	43	PJGBLC03C-AU	29
P4SMAJ75C-AU	40	P6SMB13-AU	33	P6SMBJ100C-AU	43	P6SMBJ210C-AU	43	P6SMBJ64C-AU	43	PJGBLC05-AU	29
P4SMAJ78A-AU	32	P6SMB13CA-AU	41	P6SMBJ10A-AU	34	P6SMBJ220A-AU	35	P6SMBJ7.0A-AU	34	PJGBLC05C-AU	29
P4SMAJ78-AU	32	P6SMB13C-AU	41	P6SMBJ10-AU	34	P6SMBJ220-AU	35	P6SMBJ7.0-AU	34	PJGBLC08-AU	29
P4SMAJ78CA-AU	40	P6SMB150A-AU	33	P6SMBJ10CA-AU	42	P6SMBJ220CA-AU	43	P6SMBJ7.0CA-AU	42	PJGBLC08C-AU	29
P4SMAJ78C-AU	40	P6SMB150-AU	33	P6SMBJ10C-AU	42	P6SMBJ220C-AU	43	P6SMBJ7.0C-AU	42	PJGBLC12-AU	29
P4SMAJ8.0A-AU	31	P6SMB150CA-AU	41	P6SMBJ110A-AU	35	P6SMBJ22A-AU	34	P6SMBJ7.5A-AU	34	PJGBLC12C-AU	29
P4SMAJ8.0-AU	31	P6SMB150C-AU	41	P6SMBJ110-AU	35	P6SMBJ22-AU	34	P6SMBJ7.5-AU	34	PJGBLC15-AU	29
P4SMAJ8.0CA-AU	39	P6SMB15A-AU	33	P6SMBJ110CA-AU	43	P6SMBJ22CA-AU	42	P6SMBJ7.5CA-AU	42	PJGBLC15C-AU	29
P4SMAJ8.0C-AU	39	P6SMB15CA-AU	41	P6SMBJ110C-AU	43	P6SMBJ22C-AU	42	P6SMBJ7.5C-AU	42	PJGBLC24-AU	29
P4SMAJ8.5A-AU	31	P6SMB160A-AU	33	P6SMBJ11A-AU	34	P6SMBJ24A-AU	34	P6SMBJ70A-AU	35	PJGBLC24C-AU	29
P4SMAJ8.5-AU	31	P6SMB160-AU	33	P6SMBJ11-AU	34	P6SMBJ24-AU	34	P6SMBJ70-AU	35	PJMBZ15V-AU	30
P4SMAJ8.5CA-AU	39	P6SMB160CA-AU	41	P6SMBJ11CA-AU	42	P6SMBJ24CA-AU	42	P6SMBJ70CA-AU	43	PJMBZ27V-AU	30
P4SMAJ8.5C-AU	39	P6SMB160C-AU	41	P6SMBJ11C-AU	42	P6SMBJ24C-AU	42	P6SMBJ70C-AU	43	PJMBZ5V6-AU	29
P4SMAJ85A-AU	32	P6SMB16A-AU	33	P6SMBJ120A-AU	35	P6SMBJ26A-AU	34	P6SMBJ75A-AU	35	PJMBZ6V2-AU	29
P4SMAJ85-AU	32	P6SMB16CA-AU	41	P6SMBJ120-AU	35	P6SMBJ26-AU	34	P6SMBJ75-AU	35	PJMBZ6V8-AU	29
P4SMAJ85CA-AU	40	P6SMB170A-AU	33	P6SMBJ120CA-AU	43	P6SMBJ26CA-AU	42	P6SMBJ75CA-AU	43	PJSD03TS-AU	29
P4SMAJ85C-AU	40	P6SMB170-AU	33	P6SMBJ120C-AU	43	P6SMBJ26C-AU	42	P6SMBJ75C-AU	43	PJSD05LCTM-AU	29
P4SMAJ9.0A-AU	31	P6SMB170CA-AU	41	P6SMBJ12A-AU	34	P6SMBJ28A-AU	34	P6SMBJ78A-AU	35	PJSD05TS-02-AU	29
P4SMAJ9.0-AU	31	P6SMB170C-AU	41	P6SMBJ12-AU	34	P6SMBJ28-AU	34	P6SMBJ78-AU	35	PJSD05TS-AU	29
P4SMAJ9.0CA-AU	39	P6SMB180A-AU	33	P6SMBJ12CA-AU	42	P6SMBJ28CA-AU	42	P6SMBJ78CA-AU	43	PJSD07TS-AU	29
P4SMAJ9.0C-AU	39	P6SMB180-AU	33	P6SMBJ12C-AU	42	P6SMBJ28C-AU	42	P6SMBJ78C-AU	43	PJSD08TS-AU	29
P4SMAJ90A-AU	32	P6SMB180CA-AU	41	P6SMBJ130A-AU	35	P6SMBJ30A-AU	34	P6SMBJ8.0A-AU	34	PJSD08TS-AU	29
P4SMAJ90-AU	32	P6SMB180C-AU	41	P6SMBJ130-AU	35	P6SMBJ30-AU	34	P6SMBJ8.0-AU	34	PJSD12TS-AU	29
P4SMAJ90CA-AU	40	P6SMB18A-AU	33	P6SMBJ130CA-AU	43	P6SMBJ30CA-AU	42	P6SMBJ8.0CA-AU	42	PJSD15TS-AU	29
P4SMAJ90C-AU	40	P6SMB18CA-AU	41	P6SMBJ130C-AU	43	P6SMBJ30C-AU	42	P6SMBJ8.0C-AU	42	PJSD24TS-AU	29
P6KE22CA-AU	44	P6SMB200A-AU	33	P6SMBJ13A-AU	34	P6SMBJ33A-AU	34	P6SMBJ8.5A-AU	34	PJSD36TS-AU	29
P6KE22C-AU	44	P6SMB200CA-AU	41	P6SMBJ13-AU	34	P6SMBJ33-AU	34	P6SMBJ8.5-AU	34	PJSD36W-AU	29
P6KE24CA-AU	44	P6SMB20A-AU	33	P6SMBJ13CA-AU	42	P6SMBJ33CA-AU	42	P6SMBJ8.5CA-AU	42	PJSDA6V1BC6-AU	30
P6KE24C-AU	44	P6SMB20CA-AU	41	P6SMBJ13C-AU	42	P6SMBJ33C-AU	42	P6SMBJ8.5C-AU	42	PJSOT36-AU	30
P6KE27CA-AU	44	P6SMB220A-AU	33	P6SMBJ14A-AU	34	P6SMBJ36A-AU	34	P6SMBJ85A-AU	35	PJSRV05-4-AU	30
P6KE27C-AU	44	P6SMB220-AU	33	P6SMBJ14-AU	34	P6SMBJ36-AU	34	P6SMBJ85-AU	35	PJSRV05W-4W6-AU	30
P6KE30CA-AU	44	P6SMB220CA-AU	41	P6SMBJ14CA-AU	42	P6SMBJ36CA-AU	42	P6SMBJ85CA-AU	43	PJUSB208-AU	30
P6KE30C-AU	44	P6SMB220C-AU	41	P6SMBJ14C-AU	42	P6SMBJ36C-AU	42	P6SMBJ85C-AU	43	PJUSB208R-AU	30
P6KE33CA-AU	44	P6SMB22A-AU	33	P6SMBJ150A-AU	35	P6SMBJ40A-AU	34	P6SMBJ9.0A-AU	34		
P6KE33C-AU	44	P6SMB22CA-AU	41	P6SMBJ150-AU	35	P6SMBJ40-AU	34	P6SMBJ9.0-AU	34		
P6KE36CA-AU	44	P6SMB24A-AU	33	P6SMBJ150CA-AU	43	P6SMBJ40CA-AU	42	P6SMBJ9.0CA-AU	42	Q	
P6KE36C-AU	44	P6SMB24CA-AU	41	P6SMBJ150C-AU	43	P6SMBJ40C-AU	42	P6SMBJ9.0C-AU	42	QR1006-AU	8
P6KE39CA-AU	44	P6SMB250A-AU	33	P6SMBJ15A-AU	34	P6SMBJ43A-AU	35	P6SMBJ90A-AU	35	QR1006F-AU	8
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P6KE47CA-AU	44	P6SMB27A-AU	33	P6SMBJ160A-AU	35	P6SMBJ45A-AU	35	PDZ10B-AU	20		
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P6KE51C-AU	44	P6SMB43CA-AU	41	P6SMBJ160C-AU	43	P6SMBJ45C-AU	43	PDZ13B-AU	20	RB501V-40-AU	2
P6KE56CA-AU	44	P6SMB47A-AU	33	P6SMBJ16A-AU	34	P6SMBJ48A-AU	35	PDZ14B-AU	20	RB520540-AU	2
P6KE56C-AU	44	P6SMB47CA-AU	41	P6SMBJ16-AU	34	P6SMBJ48-AU	35	PDZ15B-AU	20	RB521530-AU	2
P6KE62CA-AU	44	P6SMB51A-AU	33	P6SMBJ16CA-AU	42	P6SMBJ48CA-AU	43	PDZ15B-AU	20	RB751540-AU	2
P6KE62C-AU	44	P6SMB51CA-AU	41	P6SMBJ16C-AU	42	P6SMBJ48C-AU	43	PDZ18B-AU	20	RB751V-40-AU	2
P6KE68CA-AU	44	P6SMB56A-AU	33	P6SMBJ170A-AU	35	P6SMBJ5.0A-AU	34	PDZ20B-AU	20	RS1002FL-AU	11
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P6SMB100A-AU	33	P6SMB6.8A-AU	33	P6SMBJ170CA-AU	43	P6SMBJ5.0CA-AU	42	PDZ24B-AU	20	RS1006FL-AU	11
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P6SMB10C-AU	41	P6SMB68CA-AU	41	P6SMBJ180-AU	35	P6SMBJ51C-AU	43	PDZ5.1B-AU	20	RS1G-AU	11
P6SMB110A-AU	33	P6SMB7.5A-AU	33	P6SMBJ180CA-AU	43	P6SMBJ54A-AU	35	PDZ5.6B-AU	20	RS1J-AU	11
P6SMB110-AU	33	P6SMB7.5-AU	33	P6SMBJ18A-AU	34	P6SMBJ54-AU	35	PDZ6.2B-AU	20		
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P6SMB110C-AU	41	P6SMB7.5C-AU	41	P6SMBJ18C-AU	42	P6SMBJ54C-AU	43	PDZ7.5B-AU	20	S210L-AU	4
P6SMB11A-AU	33	P6SMB75A-AU	33	P6SMBJ18A-AU	34	P6SMBJ58A-AU	35	PDZ8.2B-AU	20	S2A-AU	10
P6SMB11-AU	33	P6SMB75CA-AU	41	P6SMBJ18-AU	34	P6SMBJ58A-AU	35	PG4001-AU	10	S2B-AU	10
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P6SMB11C-AU	41	P6SMB8.2-AU	33	P6SMBJ18C-AU	42	P6SMBJ58C-AU	43	PG4003-AU	10	S2G-AU	10
P6SMB120A-AU	33	P6SMB8.2CA-AU	41	P6SMBJ190A-AU	35	P6SMBJ6.0A-AU	34	PG4004-AU	10	S2J-AU	10
P6SMB120-AU	33	P6SMB8.2C-AU	41	P6SMBJ190-AU	35	P6SMBJ6.0-AU	34	PG4005-AU	10	S2K-AU	10
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P6SMB12A-AU	33	P6SMB9.1A-AU	33	P6SMBJ200A-AU	35	P6SMBJ6.5A-AU	34	PJDL05-AU	29	S3B-AU	10
P6SMB12-AU	33	P6SMB9.1-AU	33	P6SMBJ200CA-AU	43	P6SMBJ6.5A-AU	34	PJDL15-AU	29	S3D-AU	10
P6SMB12CA-AU	41	P6SMB9.1CA-AU	41	P6SMBJ20A-AU	34	P6SMBJ6.5C-AU	42	PJESUFN10A-AU	29	S3G-AU	10
P6SMB12C-AU	41	P6SMB9.1C-AU	41	P6SMBJ20-AU	34	P6SMBJ6.5CA-AU	42	PJESV08TB-AU	29	S3J-AU	10
P6SMB130A-AU	33	P6SMB91A-AU	33	P6SMBJ20CA-AU	42	P6SMBJ60A-AU	35	PJESV091DW-AU	30	S3K-AU	10
P6SMB130-AU	33	P6SMB91CA-AU	41	P6SMBJ20C-AU	42	P6SMBJ60-AU	35	PJEC12VM1TA-AU	30	S3M-AU	10
P6SMB130CA-AU	41	P6SMBJ100A-AU	35	P6SMBJ210A-AU	35	P6SMBJ60CA-AU	43	PJEC2415VM1WS-AU	29	SSA-AU	10
						P6SMBJ60C-AU	43	PJESD6V2LC-4-AU	29	S5B-AU	10
						P6SMBJ64A-AU	35	PJESD6V8LC-4-AU	29	SSD-AU	10

S5G-AU	10	SXM36VF-AU	5
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SB4050PT-AU	6		
SB4060PT-AU	6		
SD1020CS-AU	5		
SD1030CS-AU	5		
SD103AWS-AU	2		
SD1040CS-AU	5		
SD107WS-AU	2		
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SiC04A065T-AU	7		
SiC06A065T-AU	7		
SiC08A065T-AU	7		
SiC10A065T-AU	7		
SK22-AU	4		
SK23-AU	4		
SK23L-AU	4		
SK24-AU	4		
SK24L-AU	4		
SK25-AU	4		
SK26-AU	4		
SK26L-AU	4		
SK32-AU	5		
SK33-AU	5		
SK34-AU	5		
SK35-AU	5		
SK36-AU	5		
SK52-AU	5		
SK53-AU	5		
SK54-AU	5		
SK54L-AU	5		
SK56L-AU	5		
SR22-AU	4		
SR23-AU	4		
SR24-AU	4		
SR24F-AU	4		
SR25UF-AU	4		
SR34F-AU	5		
SS1020FL-AU	4		
SS1030FL-AU	4		
SS1030HEWS-AU	4		
SS1040FL-AU	4		
SS1040HEWS-AU	4		
SS1060FL-AU	4		
SS12-AU	4		
SS13-AU	4		
SS14-AU	4		
SS15-AU	4		
SS16-AU	4		
SS2020FL-AU	4		
SS2030FL-AU	4		
SS2040FL-AU	4		
SS2040HE-AU	4		
SS2060FL-AU	4		
SS3040HE-AU	5		
SS3060HE-AU	5		
SSM3060VHE-AU	5		
SV560L-AU	5		
SVT12100V-AU	5		
SX32-AU	5		
SX33-AU	5		
SX33F-AU	5		
SX34-AU	5		
SX34F-AU	5		
SX34LF-AU	5		
SX36-AU	5		
SX36F-AU	5		
SX53F-AU	5		
SX54F-AU	5		
SX56F-AU	5		
SXM34AVF-AU	5		

U

UF100G-AU	12
UF1010G-AU	12
UF101G-AU	12
UF102G-AU	12
UF104G-AU	12
UF106G-AU	12
UF108G-AU	12
US1001FL-AU	12
US1002FL-AU	12
US1004FL-AU	12
US1006FL-AU	12
US1008FL-AU	12
US1A-AU	12
US1B-AU	12
US1D-AU	12
US1G-AU	12
US1J-AU	12

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