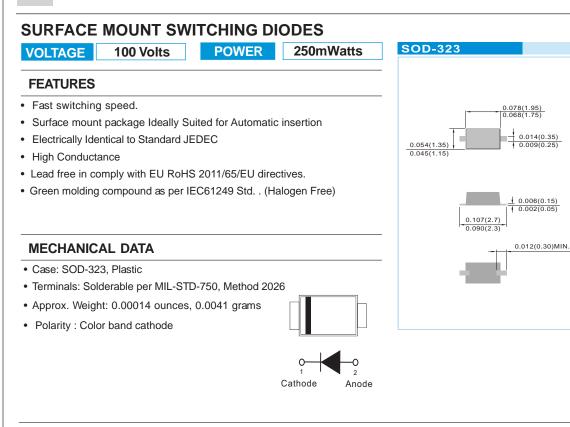


Unit : inch(mm)

0.036(0.90) 0.027(0.70)

1N4148WS SERIES



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. For capacitive load, derate current by 20%.

PARAMETER	SYMBOL	1N4148WS	1N4448WS	BAV16WS	UNITS	
Marking Code	-	A2	A3	A6	-	
Reverse Voltage	V _R	75				
Peak Reverse Voltage	V _{RM}	100				
RMS Voltage	V _{rms}	50				
Maximum Average Forward Current at $T_A = 25^{\circ}C$	I _{F(AV)}	200				
Peak Forward Surge Current, 0.001ms	I _{fsm}	4				
Power Dissipation Derate Above 25°C	P _D	250				
Maximum Forward Voltage	V _F	0.715 @ 0.001A 0.855 @ 0.01A 1 @ 0.05A 1.25 @ 0.15A	0.72 @ 0.005A 1 @ 0.1A	0.855 @ 0.01A	v	
Maximum DC Reverse Current at Rated DC Blocking Voltage	I _R	0.025 @ 20V 2.5 @ 75V	2.5 @ 75V	1 @ 75V	μΑ	
Junction Capacitance (Notes1)	C	1.5	4	2	рF	
Maximum Reverse Recovery Time (Notes2)	t _{rr}	4	4	6	ns	
Typical Thermal Resistance	R _{eja}	500				
Operating Junction and Storage Temperature Range	T_,T _{stg}	-55 to +150				

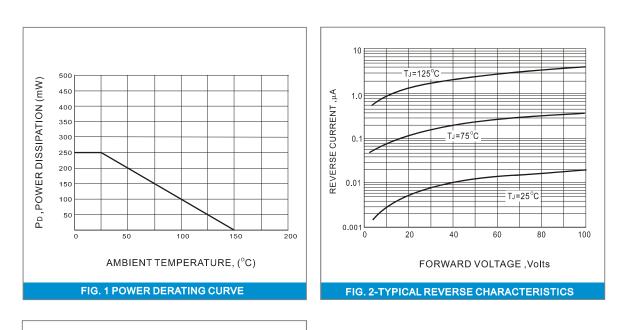
Notes :

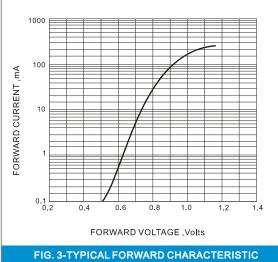
1. CJ at VR=0, f=1MHz

2. From I <code>F=10mA</code> to I <code>R=1mA</code>, VR=6Volts, RL=100 Ω



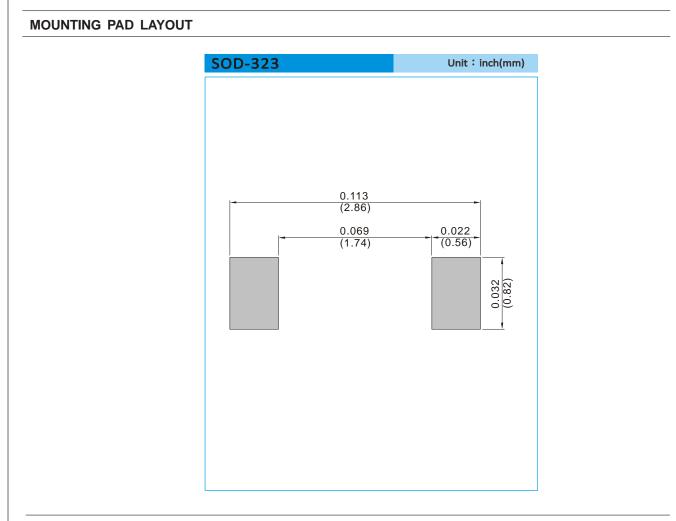
1N4148WS SERIES







1N4148WS SERIES



ORDER INFORMATION

Packing information

T/R - 12K per 13" plastic Reel T/R - 5K per 7" plastic Reel





Part No_packing code_Version

1N4148WS_R1_00001 1N4148WS_R2_00001

For example :

RB500V-40_R2_00001

Serial number _

Т

Part No.

Version code means HF

- Packing size code means 13"
- Packing type means T/R

Packing Code XX					Version Code XXXXX			
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code		
Tape and Ammunition Box (T/B)	A	N/A	0	HF	0	serial number		
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number		
Bulk Packing (B/P)	В	13"	2					
Tube Packing (T/P)	т	26mm	X					
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y					
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U					
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D					





1N4148WS SERIES

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