Ceramic Metal Plate Resistors
Low value , low inductance

RoHS compliant

Specifications

Type		SLR2 SLP2	SLR3 SLP3	SLR5 SLP5	SLR5B SLP5B	SLR7 SLP7	SLR7B SLP7B	SLR10 SLP10	SLR10A SLP10A	SLR33 SLP33	SLR33B SLP33B	SLR55 SLP55
Power rating P_{70}	W	see next page										
Resistance range	Ω	see next page										
Tolerances	%	10% (K) standard 5% (J) on request										
Temperature coefficient	$10^{-6}*K^{-1}$	± 250										
max. cont. work. voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$										
Insulation voltage	V_{RMS}	> 700 V										
Insulation resistance	Ω	≥ 1G										
Derating linear	°C	70 ... 150										
Climatic category		25 / 155 / 21										
Temperature range	°C	- 25 ~ 155										
Short time overload	$[\frac{\Delta R}{R}]$ %	± (1% R+0.05Ω)										
Load Life $P_{70°C}$ (70°C 1000h, 1.5h "ON", 0.5h "OFF")	$[\frac{\Delta R}{R}]$ %	± (5% R+0.1Ω)										
Damp heat, steady state (40°C, 95% r.h., 21d)	$[\frac{\Delta R}{R}]$ %	± (5% R+0.1Ω)										
Terminal tensile strength	$[\frac{\Delta R}{R}]$ %	± (1% R+0.05Ω)										
Resistance to soldering heat (350°C, 3.5s)		± (1% R+0.05Ω) .										
Solderability IEC 60068-2-20 260 °C , Solder bath	s	2 ± 0.5										
Marking		printed in clear										

Ordering example: SLR2 (Type) 10 (Tolerance) B (Pack.-Code) 0R1 (R-Value)

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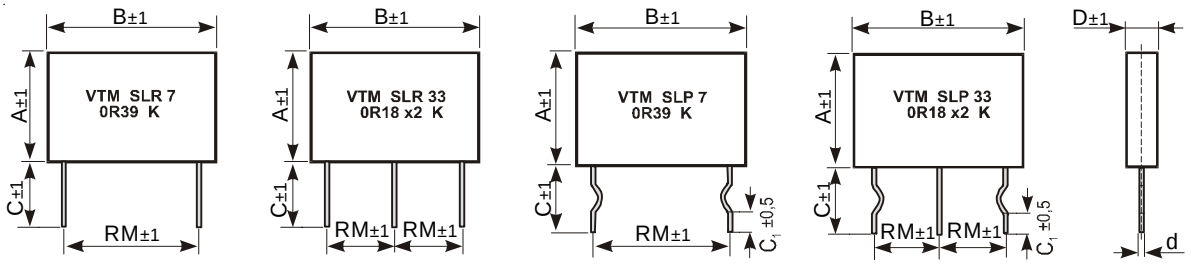
Dimensions in mm:



Type	Rated power $P_{70°C}$	Resistance range		Dimensions (mm)								Packaging	
		Min.	Max.	A	B	C (SLR)	C (SLP)	C_1 (SLP)	D	d	RM	Pieces / Box	
												SLR	SLP
SLR2 / SLP2	2	0R01	1R	8	13	12	10	4	5	0.6	9	300	300
SLR3 / SLP3	3	0R05	1R	13	13	12	10	4	5	0.6	8	230	230
SLR5 / SLP5	5	0R01	3R3	18	14	12	10	4	5	0.6	10	180	180
SLR5B / SLP5B	5	0R05	3R3	10	26	12	10	4	5	0.8	20	160	160
SLR7 / SLP7	7	0R05	3R3	18	26	12	10	4	5	0.8	20	100	100
SLR7B / SLP7B	7	0R05	3R3	13	26	12	10	4	5	0.8	20	130	130
SLR10 / SLP10	10	0R05	3R3	20	26	12	10	4	5	0.8	20	100	100
SLR10A / SLP10A	10	0R05	3R3	19	26	12	10	4	5.5	0.8	20	100	100
SLR33 / SLP33	3+3	0R1+0R1	0R5+0R5	18	26	12	10	4	5	0.8	10	100	100
SLR33B / SLP33B	3+3	0R1+0R1	0R5+0R5	13	26	12	10	4	5	0.8	10	130	130
SLR55 / SLP55	5+5	0R1+0R1	1R8+1R8	20	26	12	10	4	5	0.8	10	100	100

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