

QUALITY RELIABILITY COST-DOWN

Firstohm[®]

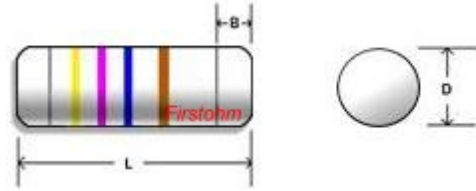
SM - Stabilized Metal Film MELF Resistor

Specifications Per

- IEC 60115-1 60115-2
- CECC 40101
- DIN 44061

Features:

- SMD enabled structure
- Conformal coating against humidity
- Excellent Solderability Termination



Dimensions:

Type	Body Length (L)	Body Diameter (D)	Soldering spot (B)	Net Weight Per 1000 pcs
SM16	3.45mm±0.1mm	1.35±0.1mm	0.6mm Min.	17 grams
SM204	3.45mm±0.1mm	1.35±0.1mm	0.6mm Min.	17 grams
SM207	5.9mm±0.2mm	2.2±0.1mm	1.0mm Min.	66 grams
SM52	5.9mm±0.2mm	2.2±0.1mm	1.0mm Min.	66 grams

Specifications:

Type	Power Rating (at 70°C)	Max. Working Voltage	Max. Overload Voltage	Resistance Range Min.	Resistance Range Max.	Resistance Tolerance	Standard Resistance Value
SM16	1/6W	200V	400V	0 & 0.1•	1M•	±1%	E-24/E-96
						±2%, 5%	E-24
SM204	1/4W	200V	400V	0 & 0.1•	1M•	±1%	E-24/E-96
						±2%, 5%	E-24
SM207	1/3W	250V	500V	0 & 0.1•	1M•	±1%	E-24/E-96
						±2%, 5%	E-24
SM52	1/2W	250V	500V	0 & 0.1•	1M•	±1%	E-24/E-96
						±2%, 5%	E-24

Special size, values, and specifications not listed available on special order.

Technical Specifications

Characteristics	Limits	
Dielectric Withstanding Voltage, V AC or DC	SM16, SM204: 200 SM207, SM52: 500	
Temperature Coefficient, PPM /	±1%, 2%	±50
	±5%	±100
Operating Temperature Range,	-55 ~ +125	
Insulation Resistance, MΩ	>10 ⁴	

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