

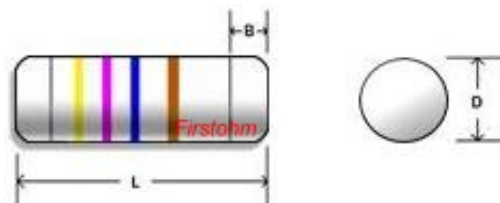
QUALITY RELIABILITY COST-DOWN

Firstohm®

SRM - Surge Resistant MELF Resistor

Features:

Miniaturized MELF design handles high power. Special conductive film enhances anti-surge capability. Resistor body is color rings coded for identification of resistance value.



Dimensions:

Type	Body Length (L)	Body Diameter (D)	Soldering Spot Min. (B)	Net Weight Per 1000 pcs
SRM204	3.45 ± 0.1 mm	1.35 ± 0.1 mm	0.6 mm	17 grams
SRM204T	3.45 ± 0.1 mm	1.35 ± 0.1 mm	0.6 mm	17 grams
SRM207	5.90 ± 0.2 mm	2.20 ± 0.1 mm	1.0 mm	66 grams
SRM101	5.90 ± 0.2 mm	2.20 ± 0.1 mm	1.0 mm	66 grams
SRM201	8.50 ± 1.0 mm	3.00 ± 0.2 mm	1.3 mm	186 grams
SRM301	10.5 ± 1.0 mm	4.00 ± 0.5 mm	1.6 mm	446 grams

Specifications:

Type	Power Rating (at 70 °C)	Max. Working Voltage	Max. Permissible Surge Voltage	Resistance Range Min.	Resistance Range Max.	Resistance Tolerance	Standard Resistance Value
SRM204	1/4W	250V	2000V	1Ω	1MΩ	±5%	E-24
SRM204T	1/2W	200V	4000V	1Ω	10KΩ	±5%	E-24
						±1%	E-96
SRM207	1/2W	250V	6000V	1Ω	1MΩ	±5%	E-24
						±2%	
SRM101	1W	300V	8000 V	0.1Ω	100KΩ	±5%	E-24
						±1%	E-96
SRM201	2W	350V	9000V	0.1Ω	120KΩ	±5%	E-24
						±1%	E-96
SRM301	3W	400V	10,000V	0.1Ω	150KΩ	±5%	E-24
						±1%	E-96

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

Technical Specifications

Characteristics	Limits	
Dielectric Withstanding Voltage, VAC or DC	SRM204T	300
	SRM204/207/101	350
	SRM201	500
	SRM301	800
Temperature Coefficient, PPM /	SRM204/207	±300
	SRM204T/101/201/301	±100
Operating Temperature Range,	-55 ~ +150	
Insulation Resistance, MΩ	>10 ⁴	

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