

QUALITY RELIABILITY COST-DOWN

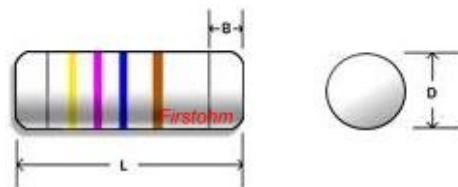
Firstohm®

Pulse Withstanding

MM- Metal Film MELF Resistor

Specifications Per Features:

- IEC 115-1 115-2
- CECC 40101
- DIN 44061
- SMD enabled structure
- Enhanced Pulse Withstanding Capability
- Excellent Solderability Termination
- 5% is 3-band coded, 1% and under is 4-band coded



Dimensions:

Type	Body Length (L)	Body Diameter (D)	Soldering spot (B)	Net Weight Per 1000 pcs
MM16P	3.45mm±0.1mm	1.35±0.1mm	0.6mm Min.	17 grams
MM204P	3.45mm±0.1mm	1.35±0.1mm	0.6mm Min.	17 grams
MM207P	5.9mm±0.2mm	2.2±0.1mm	1.0mm Min.	66 grams
MM52P	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
MM16P	1/6W	200V	400V	0 & 0.1Ω	100KΩ	±1%	E-24/E-96
						±2%, 5%	E-24
MM204P	1/4W	200V	400V	0 & 0.1Ω	100KΩ	±1%	E-24/E-96
						±2%, 5%	E-24
MM207P	1/3W	300V	500V	0 & 0.1Ω	330KΩ	±1%	E-24/E-96
						±2%, 5%	E-24
MM52P	1/2W	300V	500V	0 & 0.1Ω	330KΩ	±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, VAC or DC	MM16P, MM204P: 200 MM207P, MM52P: 500			
Temperature Coefficient, PPM /	±1%, 2%	±50		
	±5%	±100		
Operating Temperature Range,	-55 ~ +125			
Film Temperature,	MM16P	MM204P	MM207P	MM52P
	125	125	125	140
Insulation Resistance, MΩ	>10 ⁴			

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