

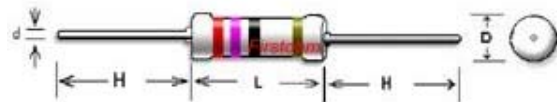
MP - Metal Film Precision Resistor

Specifications Per

- IEC 115-1
- MIL R-10509F
- DIN 44051

Features:

- Conformal Multi-layer Coating
- Color Code Per MIL & EIA Standards
- Special Tin Plated Electrolytic Copper Lead Wire



Dimensions:

Type	Body Length (L, mm)	Body Diameter (D, mm)	Lead Wire Length (H, mm)	Lead Wire Diameter (d, mm)	Net Weight Per 1000Pcs
MP16	3.2±1.0	1.9±0.2	28±3.0	0.45±0.02	145 Grams
MP25	6.5±1.0	2.3±0.2	26±3.0	0.55±0.03	220 Grams
MP51	8.8±1.0	3.2±0.2	26±3.0	0.60±0.03	340 Grams

Specifications:

Type	Power Rating At 70°C	Max. Working Voltage	Max. Overload Voltage	Min. Resistance	Max. Resistance	Resistance	Standard Resistance Values
						Tolerance	
MP16	1/6W	150	300V	10Ω	500KΩ	±0.5%	E-24/E-192
						±0.25%	
						±0.1%	
						±0.05%	
MP25	1/4W	250V	500V	10Ω	500KΩ	±0.5%	E-24/E-192
						±0.25%	
						±0.1%	
						±0.05%	
MP51	1/2W	350V	700V	10Ω	500KΩ	±0.5%	E-24/E-192
						±0.25%	
						±0.1%	
						±0.05%	

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

Technical Specifications

Characteristics	Limits	
Dielectric Withstanding Voltage, V AC or DC	MP16	300
	MP25	500
	MP51	700
Temperature Coefficient, PPM /°C	±50, ±25, ±15, ±10	
Operating Temperature Range, °C	-55~+125	
Insulation Resistance, MΩ	10 ⁴	
Voltage Coefficient, PPM / V	25	