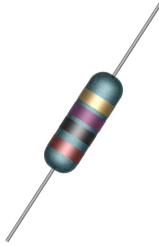


MP Series

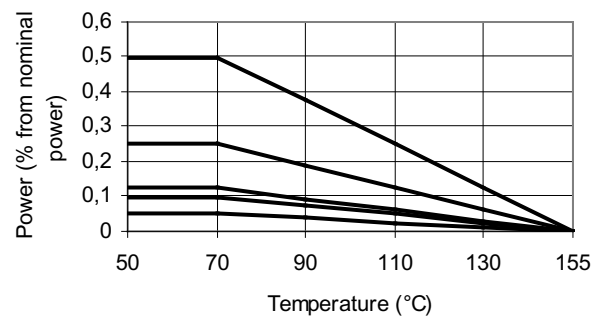
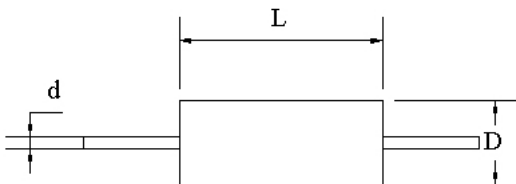
Film Resistors



- Resistances from 100ohm to 2MOhms
- Power Rating to 0.5Watts
- Resistance Tolerances to $\pm 0.01\%$
- TCR's to $\pm 50\text{ppm/K}$
- Convenient RN Type Package Styles

SPECIFICATIONS

Type	MP50	MP55	MP60	MP65	MP70
MIL-R-10509F	RN50	RN55	RN60	RN65	RN70
DIN-44061	0204	0207	0411	0617	0719
Resistance Range	20Ohms to 1M50hms		100hms to 2MOhms		
Power rating (70°C)	0.125W	0.25W	0.5W	0.75W	1W
Tolerances	0.02% / 0.05% / 0.10% / 0.25% / 0.5% / 1%				
Temperature Coefficient	5 / 10 / 15 / 25ppm/K				
Operating Voltage (Umax)	200V	250V	300V	350V	400V
Short Time Overload Voltage	400V	500V	600V	700V	800V
Operating Temperature Range	-55 to 155°C				
Max. Resistance Change at rated power $\Delta R/R$ max after 1000h	$\leq 0.025\%$			$\leq 0.05\%$	
Insulation Resistance	$> 1G$				
Insulation Voltage	$> 500V$				
Dimensions in mm [inches]					
L	3.9 [0.14]	6.8 [0.27]	10.0 [0.39]	15 [0.98]	18.3 [0.72]
D	1.6 [0.06]	2.5 [0.1]	3.7 [0.15]	5.2 [0.20]	6.5 [0.26]
d	0.5 [0.02]	0.6 [0.024]	0.6 [0.024]	0.6 [0.024]	0.8 [0.031]
Tolerance	± 0.1 [0.003]	± 0.1 [0.003]	± 0.1 [0.003]	± 0.1 [0.003]	± 0.1 [0.003]



Ordering Information

Part Number - Resistance - Tolerance
MP55 100 Ohms 0.5%