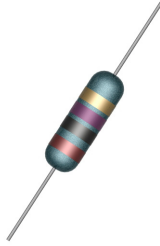


MF Series

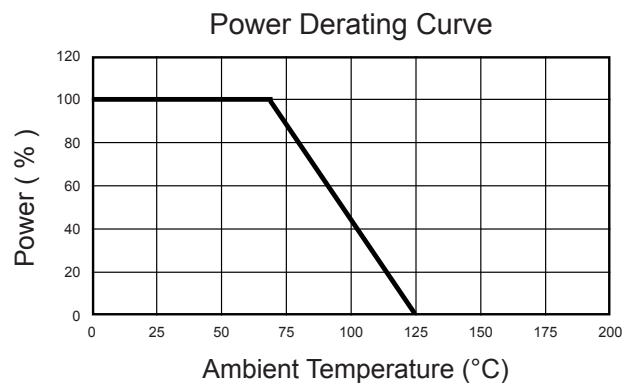
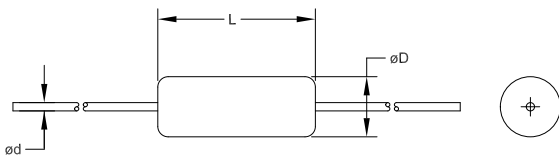
Film Resistors



- Resistances from 0.1 Ohm to 10M Ohms
- Power Rating to 3 Watts
- Resistance Tolerances to $\pm 0.1\%$
- TCR's to $\pm 5\text{ppm/C}$
- Convenient RN Type Package Styles

SPECIFICATIONS

Type	MF50	MF55	MF60	MF65	MF70	MF75
MIL-R-10509F	RN50	RN55	RN60	RN65	RN70	RN75
Resistance Range	0.1 Ohms to 10M Ohms					
Power rating (70°C)	0.16W	0.25W	0.50W	1.0W	2.0W	3.0W
Tolerances	0.1% / 0.25% / 0.5% / 1% / 5%					
Temperature Coefficient	5 / 10 / 15 / 25 / 50ppm/K					
Operating Voltage (Umax)	200V	250V	300V	350V	450V	500V
Short Time Overload Voltage	400V	500V	600V	700V	900V	1000V
Operating Temperature Range	-55 to 125°C					
Insulation Resistance	>1G					
Insulation Voltage	>500V					
Dimensions in mm [inches]						
L (MAX)	3.8 [0.150]	6.0 [0.24]	10.0 [0.394]	12 [0.472]	16.0 [0.630]	26.0 [1.024]
D (MAX)	2.0 [0.078]	2.5 [0.098]	3.5 [0.138]	4.5 [0.177]	5.5 [0.217]	8.6 [0.339]
d	0.5 \pm 0.05	0.6 \pm 0.05	0.6 \pm 0.05	0.7 \pm 0.05	0.8 \pm 0.05	0.8 \pm 0.05
	[0.020 \pm 0.002]	[0.024 \pm 0.002]	[0.024 \pm 0.002]	[0.028 \pm 0.002]	[0.032 \pm 0.002]	[0.032 \pm 0.002]



Ordering Information

Part Number - Resistance - Tolerance - TCR
 MF55 100K Ohms 0.5% 25ppm