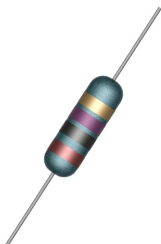


MF Series

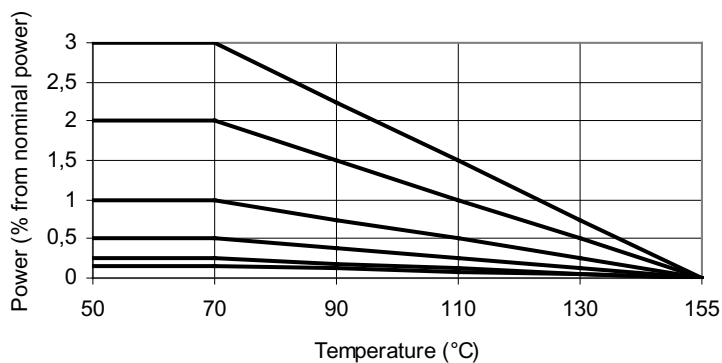
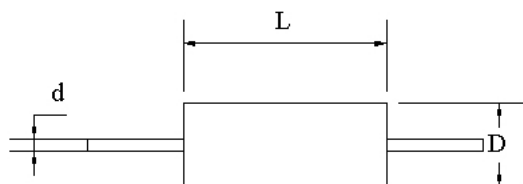
Film Resistors



- Resistances from 0.10hm to 22MOhms
- Power Rating to 3Watts
- Resistance Tolerances to $\pm 0.05\%$
- TCR's to $\pm 100\text{ppm/K}$
- 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 22 MOhms					
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	3.8 [0.15]	6.0 [0.24]	10.0 [0.39]	12 [0.47]	16.0 [0.63]	26.0 [1.02]
D	2.0 [0.08]	2.5 [0.1]	3.5 [0.14]	4.5 [0.18]	5.5 [0.22]	8.6 [0.34]
d	0.5 [0.02]	0.5 [0.02]	0.6 [0.024]	0.7 [0.027]	0.8 [0.031]	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]	± 0.1 [0.003]



Ordering Information

Part Number - Resistance - Tolerance
MF55 100 kOhms 0.5%