

MOF, MG SERIES

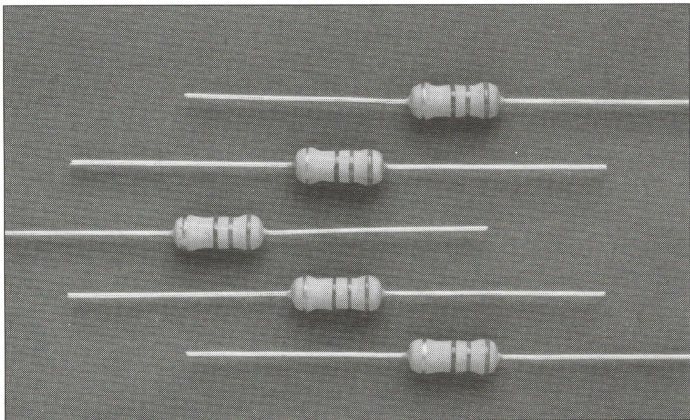
METAL OXIDE FILM

DESCRIPTION

Metal Oxide Power Film Resistors offer wider resistance ranges than their counterpart wirewound components and extended power ranges with low noise characteristics that only metal film technologies can provide.

CHARACTERISTICS

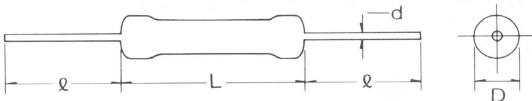
Temperature Coefficient	±350ppm/°C max.
Load Life	±5%(70°C,1000 Hrs.)
Moisture Resistance	±5%
Short-term Overload	±(2.0% ± 0.1)
Temperature Cycling	±(1.0% ± 0.05)
Effect of Soldering	±(1.0% ± 0.05)
Operating Temp. Range	-55°C - +240°C
Tolerance	G(°2%)J(±5%)



TYPE MOF (FLAME PROOF)

FEATURE

- 1. Flame proof insulation coating
- 2. Tolerance: J (± 5%), G (± 2%)
- 3. Characteristics: Per as above chart

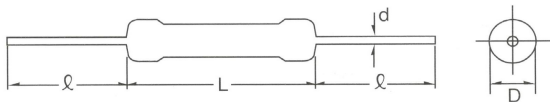


Type	Power Rating @70°C	Max.	Max.	Dimensions				Resistance Values()
		WORKING V.	OVERLOAD V.	L	D	l	d	Min - Max
MOF-.5	0.5W	250V	400V	7.5 ± 1	2.5 ± 1	28 ± 3	0.6 + 0.02 -0.05	0.5-50K
MOF-1	1W	350V	600V	10 ± 1.5	4.5 ± 1	28 ± 3	0.7 + 0.02 -0.05	0.5-70K
MOF-2	2W	350V	600V	12 ± 1.5	5.0 ± 1	28 ± 3	0.7 + 0.02 -0.05	0.5-100K
MOF-3	3W	500V	800V	16 ± 1.5	8.5 ± 1	38 ± 3	0.8 + 0.02 -0.05	0.5-300K
MOF-5	5W	750V	1000V	25 ± 1.5	8.0 ± 1	38 ± 3	0.8 + 0.02 -0.05	20-400K
MOF-7	7W	750V	1000V	32 ± 1.5	8.0 ± 1	38 ± 3	0.8 + 0.02 -0.05	20-500K

METAL GLAZE RESISTORS

DESCRIPTION

This resistor provides excellent stability by using a special treated ceramic, which is deposited by a metal glazed resistive material, and also heat and moisture resistant paint. Features and characteristics in accordance with type RNL.



Type	Power Rating	Max.	Max.	Dimensions				Resistance Values()
		WORKING V.	OVERLOAD V.	L	D	l	d	Min - Max
MG 55	0.25W	250V	400V	6.4 ± 1.0	2.3 ± 0.5	27 ± 1	0.6 ± 0.1	1 M~50 M
MG	0.5W	350V	600V	9.0 ± 1.0	3.5 ± 1.0	27 ± 1	0.7 ± 0.1	1 M~100 M

PART NO. BUILDER

RN 55 C T F 7.15K

PG#	SERIES	WATTAGE	TEMP. COEFF.	PACKAGE	TOL.	CAP. RANGE
	Fusing Resistors					
72	FR	1/4~2	Omitted	B,T	J	1Ω~5K
	Metal Glaze Resistors					
73	MG	1/4~1/2	Omitted	B,T	G	1MΩ~100MΩ
	Metal Oxide Film					
73	MOF	1/2~7	Omitted	B,T	J	.5Ω~500K
	Carbon Film					
74	RD	1/4~2	Omitted	A,AA,AP,AT,B,PT,T	J,G	.0Ω~10MΩ
74, 75	SRD	1/4~1/2	Omitted	A,AA,AP,AT,B,PT,T	J,G	.0Ω~10MΩ
	Metal Film					
77	RN	1/8~1/4	C,D,E	A,AA,AP,AT,B,PT,T	D,F	10Ω~1MΩ
	Axial Wire Wound Cement					
78	WCR	2 ~ 20	Omitted	B	J,K	.1Ω~2K
	Radial Wire Wound Cement					
79	WCRR	2~10	Omitted	B	J	.1Ω~990Ω
79	WCRM	2~10	Omitted	B	J	40Ω~50K
79	WCRN	10~20	Omitted	B	J	.1Ω~2K
79	WCRV	5~20	Omitted	B	J	.1Ω~2K
	Axial Silicone Wire Wound					
80	WRP	1~10	Omitted	B,T	G,J	.1Ω~2K
	Radial Silicone Wire Wound					
80	WRH	3~10	Omitted	B	J	.1Ω~2K

RA S A 10P 221 G

PG#	SERIES	HEIGHT	CIRCUIT	PIN COUNT	CAP. RANGE	TOL.
	Resistor Networks					
76	RA	S=5.08 mm	A=Bussed B=Isolated	4 thru 12pin 4 thru 12pin	10Ω~4.7MΩ 10Ω~4.7MΩ	F,G F,G
76	RA	L=8.00 mm	A=Bussed B=Isolated	4 thru 12pin 4 thru 12pin	10Ω~4.7MΩ 10Ω~4.7MΩ	F,G F,G

Package Codes

A = Ammo Pack
AA = Ammo Pack Avisert
AP = Ammo Pack Panasert
AT = Tape & Reel Avisert
B = Bulk
PT = Tape & Reel Panasert
T = Tape & Reel

Tolerance Codes

D = ±.5%
F = ±1% (omitted)
G = ±2%
J = ±5%
K = ±10%

Temp. Coeff. Codes

C = ±50ppm
D = ±100ppm (omitted)
E = ±200ppm