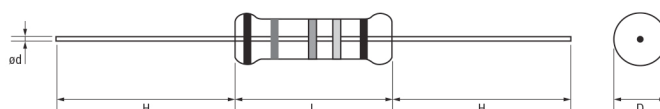
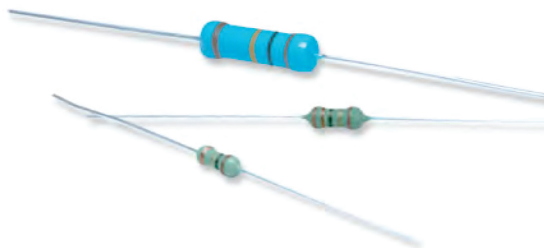


Features:

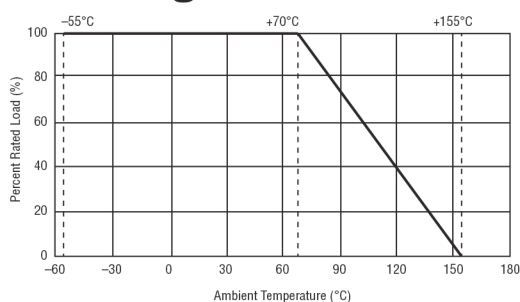
- EIA standard colour coding
- Non-flame type available
- Low noise & voltage coefficient
- Low temperature coefficient range
- Wide precision range in small package
- Too low or too high ohmic value can be supplied on a case to case basis
- Nichrome resistor element provides stable performance in various environments
- Multiple expoy coating on vacuum deposited metal film provides superior moisture protection



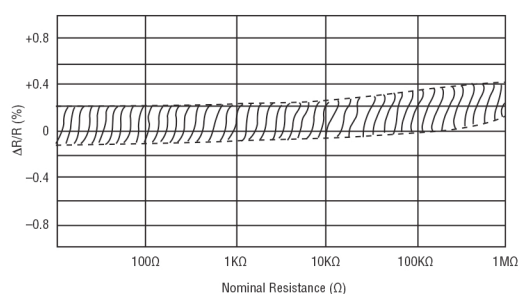
Part No.	Style	Power rating at 70°C	Dimensions (mm)					Std packing qty.
			D max.	L max.	H±3	d±0.05	PT	
MF01W	MF 100	1W	5.0	12.0	25	0.70	52	1,000

Part No.	Style	Max. working voltage	Max. overload voltage	Dielectric withstanding voltage	Tolerance %	Resistance range	T.C.R.
MF01W	MF 100	500V	1,000V	1,000V	±1% ±2% ±5%	51.1Ω ~ 1MΩ 51.1Ω ~ 1MΩ 10Ω ~ 1MΩ	±50PPM/°C ±100PPM/°C ±200PPM/°C

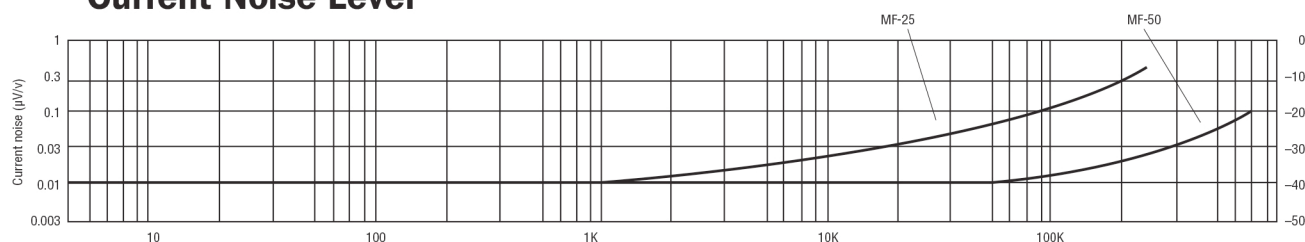
Derating Curve



Load Life



Current Noise Level





1W Flame Proof Metal Film Resistors

Ordering procedure: e.g. MFR 1/2W, $\pm 5\%$, 200PPM, 10 Ω , T/B -1000

M F F 1 W F J 0 1 0 0 A 1 0

Type: MF = Metal Film	Feature: F = Non-Flame	Wattage: Normal size 1W = 1W	Tolerance: F = $\pm 1\%$	PPM requirement: F = 50ppm J = 200ppm	Resistance value: • E-24 series: 1 st digit is "0" 2 nd & 3 rd digits are the significant figures of the resistance 4 th indicates the number of zeros: "J" ~ 0.1, "K" ~ 0.01 e.g. 4.7 Ω , ~ 47J, 4.7K Ω ~ 472 • E-96 series: 1 st to 3 rd digits are the significant figures of the resistance and the 4 th digit indicates the number of zeros. e.g. 1.33K Ω = 1331	Packing type: A = Tape/Box T = Tape/Reel B = Bulk/Box P = Tape/Box of PT-26mm	Packing quantity: 1 = 1,000 pieces 2 = 2,000 pieces 4 = 4,000 pieces 5 = 5,000 pieces A = 500 pieces B = 2,500 pieces 0 = Bulk/Box	Additional information: P = Panasert type 1 = Avisert type 2 = Avisert type 2 3 = Avisert type 3 0 = PT-52mm, PT-26mm, Standard lead wire for Bulk/Box 8 = PT-58mm 9 = PT-64mm 7 = Lead wire (H) 38mm
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Order code	Mfr. part no.	Order code	Manufacturer part no.	Order code	Manufacturer part no.	Order code	Manufacturer part no.
62-8700	MFF1WFJ010JA10	62-8711	MFF1WFF0151A10	62-8721	MFF1WFF0103A10	62-8731	MFF1WFF0683A10
62-8701	MFF1WFJ022JA10	62-8712	MFF1WFF0221A10	62-8722	MFF1WFF0153A10	62-8732	MFF1WFF0104A10
62-8702	MFF1WFJ033JA10	62-8713	MFF1WFF0331A10	62-8723	MFF1WFF0223A10	62-8733	MFF1WFJ015JA10
62-8703	MFF1WFJ047JA10	62-8714	MFF1WFF0471A10	62-8724	MFF1WFF0473A10	62-8734	MFF1WFJ018JA10
62-8704	MFF1WFF0100A10	62-8715	MFF1WFF0681A10	62-8725	MFF1WFF0682A10	62-8735	MFF1WFJ027JA10
62-8705	MFF1WFF0150A10	62-8716	MFF1WFF0102A10	62-8726	MFF1WFF0103A10	62-8736	MFF1WFJ039JA10
62-8706	MFF1WFF0220A10	62-8717	MFF1WFF0152A10	62-8727	MFF1WFF0153A10	62-8737	MFF1WFJ056JA10
62-8707	MFF1WFF0330A10	62-8718	MFF1WFF0222A10	62-8728	MFF1WFF0223A10	62-8738	MFF1WFJ068JA10
62-8708	MFF1WFF0470A10	62-8719	MFF1WFF0332A10	62-8729	MFF1WFF0333A10	62-8739	MFF1WFJ082JA10
62-8709	MFF1WFF0680A10	62-8720	MFF1WFF0472A10	62-8730	MFF1WFF0473A10	62-8740	MFF1WFJ012JA10
62-8710	MFF1WFF0101A10						