

FEATURES

- Resistances from 10Ohms to 10MOhms
- Power Rating to 1Watts
- Resistance Tolerances to $\pm 0.05\%$
- TCR's to $\pm 50\text{ppm/K}$
- Convenient RN Type Package Styles

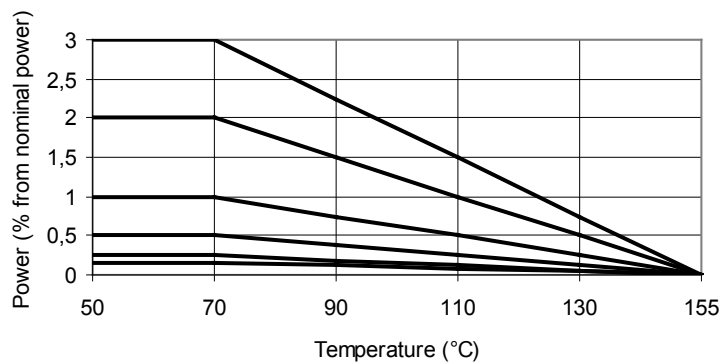


RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS

Type	MFM55	MFM60	MFM65
DIN	0204	0207	
Resistance Range	10 Ohms to 10MOhms	10 Ohms to 10 MOhms 0.1Ohms to 10Ohms and 10MOhms to 22MOhms upon request	
Power rating (70°C)	0.25W	0.50W	1.0W
Tolerances	0.05% / 0.1% / 0.25% / 0.5% / 1% / 5%		
Temperature Coefficient	5 / 10 / 15 / 25 / 50ppm/K		
Operating Voltage (Umax)	250V	300V	350V
Operating Temperature Range	-55 to 125°C		
Insulation Resistance	>1G		
Insulation Voltage	300V	600V	700V

FIGURE 3 – DERATING

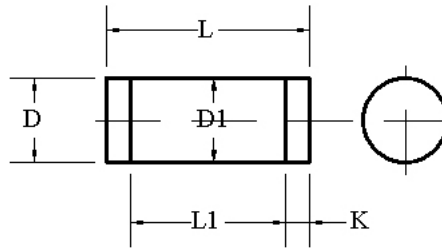


ORDERING INFORMATION

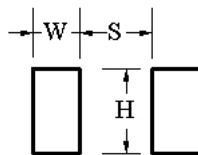
Part Number - Resistance - Tolerance

MFM55 100 kOhms 0.5%

FIGURE 3—DIMENSIONS



Type	Dimension	mm	tol. (±mm)	inches	tol. (±inches)
MFM55	L	3.50	0.2	0.14	0.008
	L1	1.60	0.2	0.06	0.008
	D	1.30	0.2	0.05	0.008
	K	0.80	0.1	0.03	0.004
	D1	1.05	0.1	0.04	0.004
MFM60	L	5.70	0.2	0.23	0.008
	L1	3.50	0.2	0.14	0.008
	D	2.10	0.2	0.08	0.008
	K	0.60	0.1	0.02	0.004
	D1	1.70	0.1	0.07	0.004
MFM65	L	6.00	0.2	0.24	0.008
	L1	3.90	0.2	0.15	0.008
	D	2.10	0.2	0.08	0.008
	K	0.60	0.1	0.02	0.004
	D1	1.80	0.1	0.07	0.004



Type	Dimension	mm	tol. (±mm)	inches	tol. (±inches)
MFM55	S	2.00	0.2	0.08	0.008
	W	2.50	0.2	0.10	0.008
	H	2.50	0.2	0.10	0.008
MFM60	S	2.90	0.2	0.11	0.008
	W	3.20	0.2	0.13	0.008
	H	3.20	0.2	0.13	0.008
MFM65	S	3.20	0.2	0.13	0.008
	W	3.60	0.2	0.14	0.008
	H	3.50	0.2	0.14	0.008



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