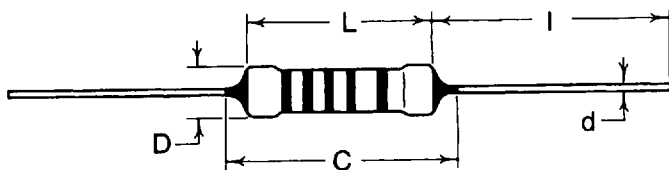


LEADED GENERAL PURPOSE

- Units meet or exceed the requirements of MIL-R-10509
- Flame Retardant Coating
- Suitable for automatic machine insertion
- Blue - Gray body color



DIMENSIONS

TYPE	L (reference)	C (maximum)	D	d	I
MF 55	$\frac{0.256}{6.5}$	$\frac{0.281}{7.1}$	$\frac{0.091 \pm 0.012}{2.3 \pm 0.3}$	$\frac{0.024 \pm 0.002}{0.60 \pm 0.05}$	$\frac{1.18 \pm 0.12}{30.0 \pm 3.0}$
MF 60	$\frac{0.374}{9.5}$	$\frac{0.437}{11.1}$	$\frac{0.138 \pm 0.016}{3.5 \pm 0.4}$		
MF 65	$\frac{0.610}{15.5}$	$\frac{0.768}{19.5}$	$\frac{0.217 \pm 0.020}{5.5 \pm 0.5}$	$\frac{0.031 \pm 0.002}{0.80 \pm 0.05}$	$\frac{1.500 \pm 0.125}{38.1 \pm 3.2}$

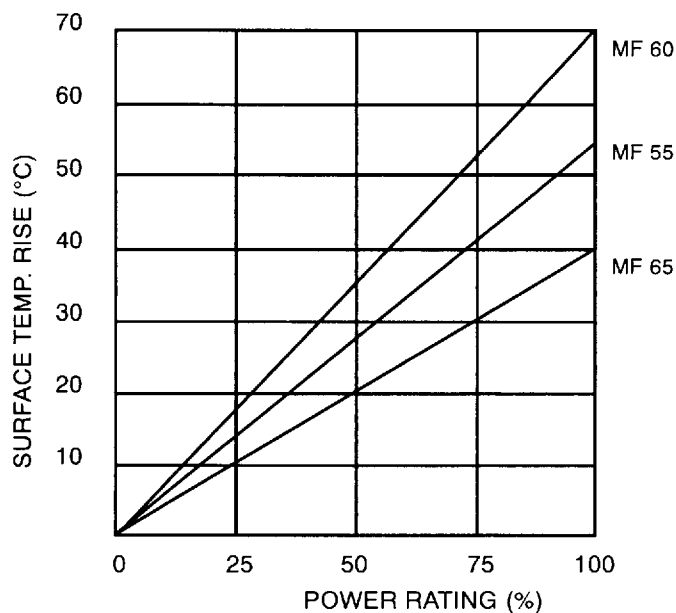
STANDARD APPLICATIONS

TYPE	POWER RATING @70°C	MAX WORKING VOLTAGE	MAX OVERLOAD VOLTAGE	DWV	OPER TEMP. RANGE	RESISTANCE RANGE (Ω) E-96			
						±1%	±0.5%	±0.25%	±0.10%
MF55D	0.25W	250V	500V	500V	-55°C +155°C	1.0Ω-22.1MΩ	10Ω-5.9MΩ	24.3Ω-1.0MΩ	24.3Ω-750KΩ
MF55C						1.0Ω-5.9MΩ	10Ω-5.9MΩ	30.1Ω-1.0MΩ	30.1Ω-750KΩ
MF55E						30.1-1.0MΩ	30.1-1.0MΩ	30.1Ω-1.0MΩ	30.1Ω-750KΩ
MF60D	0.50W	350V	700V	1.0Ω-33.2MΩ		10Ω-10MΩ	-----	-----	
MF60C				1.0Ω-10MΩ		10Ω-10MΩ	47.5Ω-1.5MΩ	47.5Ω-1.0MΩ	
MF60E				47.5Ω-2.0MΩ		47.5Ω-2.0MΩ	47.5Ω-1.5MΩ	47.5Ω-1.0MΩ	
MF65D	1.0 W			1.0Ω-6.81MΩ		10Ω-5.11MΩ	-----	-----	
MF65C				1.0Ω-6.81MΩ		10Ω-5.11MΩ	47.5Ω-2.49MΩ	47.5Ω-1.0MΩ	
MF65E				47.5Ω-5.11MΩ		47.5Ω-4.64MΩ	7.5Ω-2.49MΩ	47.5Ω-2.0MΩ	

ORDERING AND SPECIFYING INFORMATION

MF55	D	24R3	B	T52
TYPE	TCR	RESISTANCE	TOLERANCE	PACKAGING
MF55 MF60 MF65	D=±100 ppm C=±50 ppm E=±25 ppm	XXXX 3 Significant figures + Multiplier R indicates decimal point on values < 100 Ω	B=±0.1% C=±0.25% D=±0.5% F=±1.0%	MF55 - T26A, T52, VT, VTP, VTE, M MF60 - T52, M MF65 - T521 NONE: Bulk

PERFORMANCE CHARACTERISTICS



PARAMETER	CHARACTERISTIC LIMITS			TEST METHOD
TEMPERATURE COEFFICIENT (ppm / °C) max	± 25(E)	± 50 (C)	± 100 (D)	
Short-time Overload	±(0.15% + 0.05Ω)	±(0.15% + 0.05Ω)	±0.30% + 0.05Ω)	2.5 x RCWV, 5 seconds
Resistance to Solder Heat	±(0.20% + 0.05Ω)	±(0.20% + 0.05Ω)	±(0.20% + 0.05Ω)	MIL-STD-202, Method 210A
Moisture Resistance	±(0.50% + 0.05Ω)	±(0.50% + 0.05Ω)	±(1.00% + 0.05Ω)	MIL-STD-202, Method 106E
Load Life	±(0.50% + 0.05Ω)	±(0.50 + 0.05Ω)	±(1.00% + 0.05Ω)	MIL-STD-202, Method 108A 70°C, 1000 hours
Failure Rate	<100 ppm / 1000 hrs			2000 hrs at Std Load Life followed by 8000 hrs at cycled 1/2 RCWV
Temperature Cycling	±(0.30% + 0.05Ω)	±(0.30% + 0.50Ω)	±(0.30% + 0.05Ω)	- 55°C, 25°C, 25°C: 5 cycles
Vibration	±(0.10% + 0.05Ω)	±(0.10% + 0.05Ω)	±(0.10% + 0.05Ω)	MIL-STD-202, Method 210A
Terminal Strength	2 # min	5 # min	5 # min	MIL-STD-202, Method 211A
Current Noise	< 0.10μv/v/decade			MIL-STD-202, Method 308
Voltage Coefficient	< 5 ppm/v			MIL-STD-202, Method 301