

Metal Film Resistors, Special Purpose, Fusible, Flameproof



FEATURES

- Special filming and coating processes
- Fusible - Circuit protection in case of other component failure
- Flameproof - Meets EIA RS-325, will not flame when overloaded
- Tape and Reel packaging is standard

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	POWER RATING $P_{70^{\circ}\text{C}}$ W	RESISTANCE* RANGE Ω	STANDARD TOLERANCE %	TEMPERATURE COEFFICIENT ppm/ $^{\circ}\text{C}$
CMF-55-39	0.25	4R - 10K	± 1	100
CMF-60-64	0.50	4R - 23K	± 1	100

*Contact factory for extended values

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	CMF-55-39	CMF-60-64
Rated Dissipation at 70°C	W	0.25	0.50
Maximum Flame Test Voltage	V_{RMS}	350	500
Dielectric Strength	VAC	450	750
Insulation Resistance	Ω	$\geq 10^{10}$	$\geq 10^{10}$
Operating Temperature Range	$^{\circ}\text{C}$	- 65 / + 165	- 65 / + 165
Weight (max)	g	0.20	0.50

ORDERING INFORMATION

CMF-55-39 MODEL

CMF-55-39 = 0.25 watt size
CMF-60-64 = 0.5 watt size

1000 VALUE

First three digits are significant figures. Last digit specifies the number of zeros to follow. (100 ohm illustrated.)

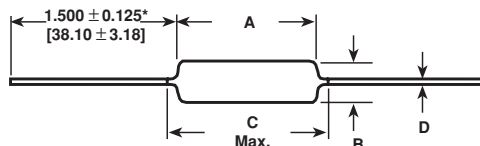
Example:
10R0 = 10 Ω
5R10 = 5.1 Ω

F TOLERANCE

F = $\pm 1\%$



DIMENSIONS in inches [millimeters]



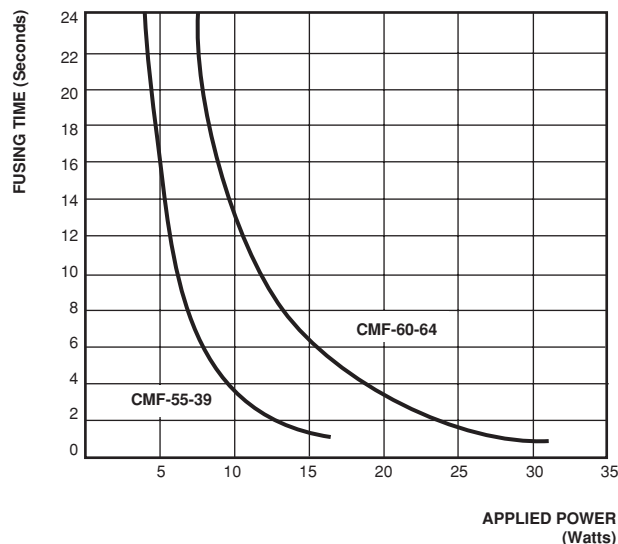
* 1.08 ± 0.125 [27.43 ± 3.18] IF TAPE AND REEL

MODEL	A	B	C (Max.)	D
CMF-55-39	0.240 ± 0.020 [6.10 ± 0.51]	0.090 ± 0.008 [2.29 ± 0.21]	0.278 [7.06]	0.025 ± 0.002 [0.64 ± 0.05]
CMF-60-64	0.370 ± 0.035 [9.40 ± 0.89]	0.145 ± 0.010 [3.68 ± 0.25]	0.425 [10.80]	0.032 ± 0.002 [0.81 ± 0.05]

MARKING

- DALE
- Model (C55-39 or C60-64)
- Value
- Tolerance, Temperature coefficient
- Date code

Fusing time graphs represent an average for the resistance value range. Low resistance parts require higher power to fuse than high resistance parts. It is recommended that values less than 200 ohm be evaluated for specific applications.



FUSIBLE, FLAMEPROOF (Typical Fusing Times)