

## 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 $\Omega$	STANDARD TOLERANCE %	TEMPERATURE COEFFICIENT ppm/ $^{\circ}\text{C}$
CMF-55-39	0.25	4R - 10K	$\pm 1$	100
CMF-60-64	0.50	4R - 23K	$\pm 1$	100

\*Contact factory for extended values

### TECHNICAL SPECIFICATIONS

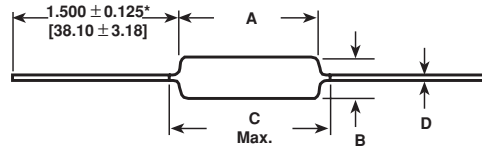
PARAMETER	UNIT	CMF-55-39	CMF-60-64
Rated Dissipation at 70°C	W	0.25	0.50
Maximum Flame Test Voltage	$V_{\text{RMS}}$	350	500
Dielectric Strength	VAC	450	750
Insulation Resistance	$\Omega$	$\geq 10^{10}$	$\geq 10^{10}$
Operating Temperature Range	$^{\circ}\text{C}$	- 65 / + 165	- 65 / + 165
Weight (max)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

### ORDERING INFORMATION

<b>CMF-55-39</b> MODEL CMF-55-39 = 0.25 watt size CMF-60-64 = 0.5 watt size	<b>1000</b> VALUE First three digits are significant figures. Last digit specifies the number of zeros to follow. (100 ohm illustrated.) Example: 10R0 = 10 $\Omega$ 5R10 = 5.1 $\Omega$	<b>F</b> TOLERANCE F = $\pm 1\%$
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**DIMENSIONS** in inches [millimeters]



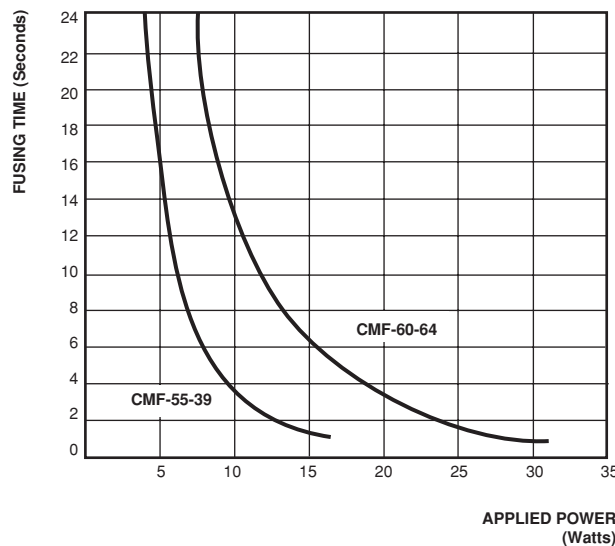
\* 1.08 ± 0.125 [27.43 ± 3.18] IF TAPE AND REEL

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)**

This datasheet has been download from:

[www.datasheetcatalog.com](http://www.datasheetcatalog.com)

Datasheets for electronics components.