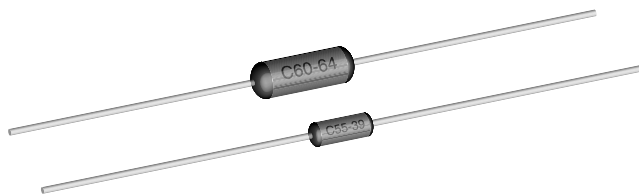


## Metal Film Resistors, Special Purpose, Fusible, Flameproof



### 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 <sub>70°C</sub> W	RESISTANCE* RANGE Ω	STANDARD TOLERANCE %	TEMPERATURE COEFFICIENT ppm/°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 <sub>RMS</sub>	350	500	
Dielectric Strength	VAC	450	750	
Insulation Resistance	Ω	≥ 10 <sup>10</sup>	≥ 10 <sup>10</sup>	
Operating Temperature Range	°C	- 65 / + 165	- 65 / + 165	
Weight (max)	g	0.20	0.50	

### ORDERING INFORMATION

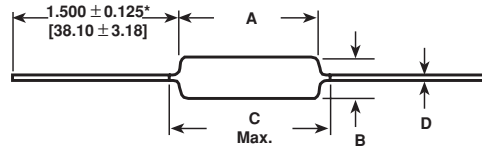
**CMF-55-39**  
MODEL  
CMF-55-39 = 0.25 watt size  
CMF-60-64 = 0.5 watt size

**1000**  
VALUE  
First three digits are significant figures. Last digit specifies the number of zeros to follow. (100 ohm illustrated.)  
Example:  
10R0 = 10Ω  
5R10 = 5.1Ω

**F**  
TOLERANCE  
F = ± 1%



**DIMENSIONS** in inches [millimeters]



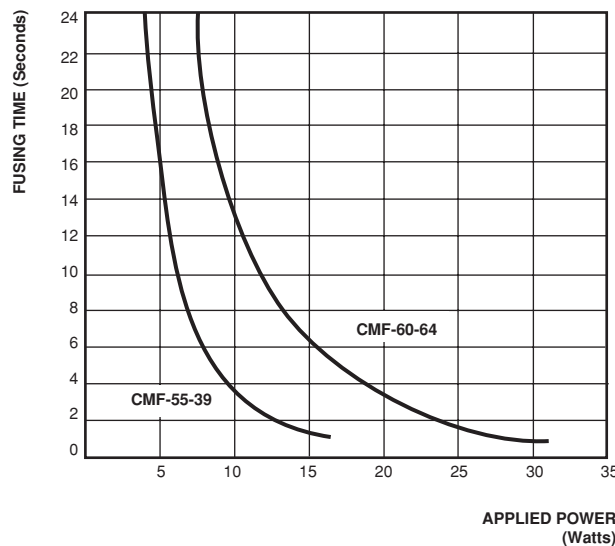
\* 1.08 ± 0.125 [27.43 ± 3.18] IF TAPE AND REEL

MODEL	A	B	C (Max.)	D
<b>CMF-55-39</b>	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]
<b>CMF-60-64</b>	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)**