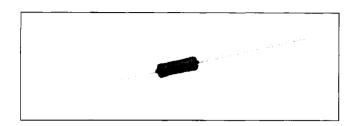
MODEL CPF Metal Film Resistors Industrial, Power, Flameproof





MODEL	WATTAGE RATING 70°C	VOLTAGE RATING	RESISTANCE RANGE 1% AND ABOVE (Ohms)
CPF-1	1	250	0.1-150k
CPF-2	2	350	0.1-150k
CPF-3	3	500	0.1-150k

ELECTRICAL SPECIFICATIONS

Resistance Tolerance: .1%, .25%, .5%, 1%, 5%.
Temperature Coefficient: (- 55°C to + 125°C)
± 100PPM/°C, ± 50PPM/°C, ± 25PPM/°C.

Dielectric Strength: 900 VAC.

Insulation Resistance: 10,000 Megohm, minimum. **Operating Temperature Range:** -65°C to + 230°C.

MATERIAL SPECIFICATIONS

Element: Proprietary nickel-chrome alloy. **Core:** Fire-cleaned high purity ceramic.

Coating: Special high temperature conformal coat.

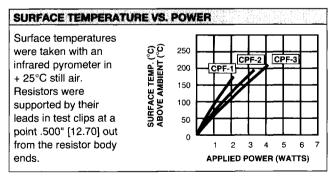
Termination: Standard lead material is solder-coated copper. Solderable and weldable per MIL-STD-1276,

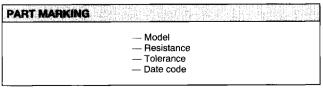
Type "C".

MECHANICAL SPECIFICATIONS

Terminal Strength: 2 pound pull test.

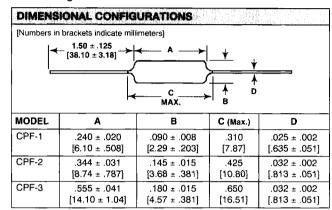
Solderability: Continuous satisfactory coverage when tested in accordance with MIL-STD-202, Method 208.





FEATURES

- High power rating, small size
- · Flameproof, high temperature coating
- Special filming and coating processes
- Excellent high frequency characteristics
- Low noise
- Low voltage coefficient



ENVIRONMENTAL PERFORMANCE		
TEST	MAX. ∆R (Typical Test Lots)	
Thermal Shock	± 1.0%	
Short Time Overload	± .5%	
Low Temperature Operation	± .5%	
Moisture Resistance	± 1.5%	
Resistance To Soldering Heat	± .5%	
Shock	± .5%	
Vibration	± .5%	
Terminal Strength	± .5%	
Dielectric Withstanding Voltage	± .5%	
Life	± 2.0%	

