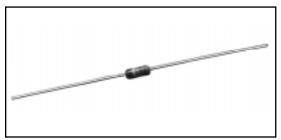


MODEL CCF-07 Metal Film Resistors

Industrial, ± 2% and ± 5% Tolerance



FEATURES

- 1/4 watt at + 70°C power rating. Dual rated for 1/2 watt.
- \pm 2% and \pm 5% tolerance
- ± 100PPM/°C and ± 200PPM/°C temperature coefficient
- Tape and reel packaging for automatic insertion (52.4mm inside tape spacing per EIA-296-E).
- · Flame retardant epoxy conformal coating
- Standard 4 band color code marking for ease of identification after mounting

ELECTRICAL SPECIFICATIONS

Resistance Range:

10 ohm to 1 Megohm for \pm 2% tolerance. 10 ohm to 2 Megohm for \pm 5% tolerance.

Resistance Tolerance: \pm 2% and \pm 5%.

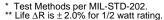
Temperature Coefficient: (- 65°C to + 150°C)

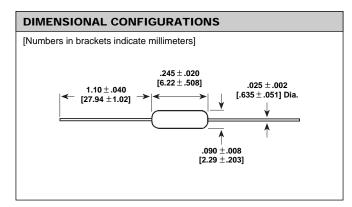
 \pm 100PPM/°C for 10 ohm to 1 Megohm, \pm 2% tolerance. \pm 200PPM/°C for 1.1 Megohm to 2 Megohm, \pm 5% tolerance.

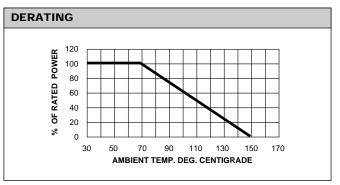
Power Rating: 1/4 watt and 1/2 watt at + 70°C. Maximum Working Voltage: 250 V RMS. Insulation Resistance: 10,000 Megohm.

Operating Temperature Range: - 65°C to + 150°C.

ENVIRONMENTAL PERFORMANCE	
TEST*	MAXIMUM ∆R
Thermal Shock	± 1.0%
Short Time Overload	± 0.5%
Low Temperature Operation	± 0.5%
Moisture Resistance	± 1.5%
Resistance to Soldering Heat	± 0.5%
Shock	± 0.5%
Vibration	± 0.5%
Terminal Strength	± 0.5%
Dielectric Withstanding Voltage	± 0.5%
Life	± 1.5%**







PART MARKING	
	— Colorband

