

Features

- 1-1/4 " Rectangular / Multiturn Cermet / Industrial / Sealed
- Panel mount option available
- Listed on the QPL per MIL-PRF-22097
- For trimmer applications/processing guidelines, click here

RJ12 - Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 10 ohms to 1 megohm (see standard resistance table) Resistance Tolerance±10 % std. Absolute Minimum Resistance1 % or 2 ohms max. (whichever is greater) Contact Resistance Variation1.0 % or 1 ohm max. (whichever is greater) Adjustability Voltage±0.01 % Resistance±0.05 % Resolution......Infinite Insulation Resistance 500 vdc. 1,000 megohms min. Dielectric Strength Sea Level 900 vac

Environmental Characteristics

70,000 Feet.......350 vac

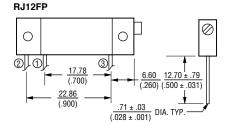
Effective Travel22 turns nom.

Power Rating @ 70 °C (400 volts max.) 1.0 watt Power Rating @ 150 °C 0 watt Temperature Range....-55 °C to +150 °C Temperature Coefficient ±100 ppm/°C Seal Test......85 °C Fluorinert* (pin styles only) Humidity...... MIL-STD-202 Method 106 (2 % Δ TR, 10 Megohms IR) Vibration 20 G (1 % ΔTR; 1 % ΔVR) Shock......50 G (1 % ΔTR; 1 % ΔVR) Load Life.. 1,000 hours 1.0 watt @ 70 °C (3 % ΔTR; 1% or 1 ohms, whichever is greater, CRV) Rotational Life......200 cycles (2 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)

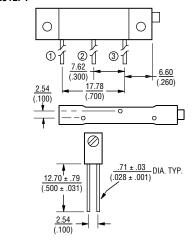
Physical Characteristics

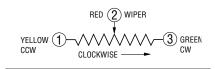
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Product Dimensions



RJ12FY





DIMENSIONS:	MM (INCHES)
TOLERANCES: ± 0.25	EXCEPT WHERE NOTED

How To Order MIL-PRF-22097 **RJ12 F Y 103** Model Characteristic -F = ±100 ppm/°C Temp. Coeff. Max. Terminal Style

Standard Resistance Table

Resistance Code -

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105



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^{*}RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

[&]quot;Trimpot" is a registered trademark of Bourns, Inc.

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