## Features

■ 1-1/4 " Rectangular / Multiturn Wirewound / Industrial / Sealed

- Panel mount option available

■ Listed on the QPL per MIL-PRF-27208
■ For trimmer applications/processing guidelines, click here

## POURNS®

## Electrical Characteristics

Standard Resistance Range 10 to 20 K ohms (see standard resistance table) Resistance Tolerance $\qquad$ ..$\pm 5 \%$ std Absolute Minimum Resistance
.. 0.1 \% or 1 ohm max. (whichever is greater)
Noise $\qquad$ .100 ohms ENR max.
Resolution. $\qquad$ See Resistance Table
Insulation Resistance $\qquad$ .500 vdc. 1,000 megohms min.
Dielectric Strength
Sea Level $\qquad$ 1,500 vac 70,000 Feet $\qquad$ 400 vac
Adjustment Travel. $\qquad$ .22 turns nom.

## Environmental Characteristics

Power Rating @ $70^{\circ} \mathrm{C}$ $\qquad$ 1 watt
Power Rating @ $150^{\circ} \mathrm{C}$................. 0 watt
Temperature Range.... $-55^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$
Temperature Coefficient ...... $\pm 50 \mathrm{ppm} /{ }^{\circ} \mathrm{C}$
Seal Test...................... $85^{\circ} \mathrm{C}$ Fluorinert* (pin styles only)
Humidity........ MIL-STD-202 Method 106 96 hours 2 \% $\Delta$ TR, 100 Megohms IR)
Vibration $\qquad$ 30 G (1 \% $\Delta$ TR; 0.5 \% + resolution DVR)
Shock. $\qquad$ 100 G ( $1 \%$ $\Delta$ TR; $0.5 \%$ + resolution $\Delta \mathrm{VR}$ )
Load Life.... 1,000 hours 1 watt @ $70^{\circ} \mathrm{C}$
(2 \% $\Delta$ TR)
Rotational Life...... 200 cycles ( $2 \%$ $\Delta$ TR )

## Physical Characteristics

Torque $\qquad$ 5.0 oz-in. max.

Mechanical Stops $\qquad$ Wiper idles
Terminals ........ Solderable pins and lugs
Flexible leads ..... (7 strands of 30 AWG)
Weight
.0 .10 oz
Marking.........Manufacturer's trademark, resistance code, terminal numbers,
date code, manufacturer's model number and style
Wiper ............... 50 \% (Actual TR) $\pm 10$ \%
Flammability $\qquad$ U.L. $94 \mathrm{~V}-0$

Standard Packaging
P\&Y Style $\qquad$ 10 pcs. per tube
L Style. $\qquad$ 25 pcs. per bag
Adjustment Tool. $\qquad$ H-90

## RT12 - Trimpot ${ }^{\circledR}$ Trimming Potentiometer



REV. 04/14
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
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