

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

RT12 - Trimpot® Trimming Potentiometer

Electrical Characteristics

Environmental Characteristics

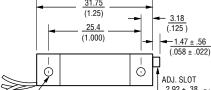
Power Rating @ 70 °C 1 watt
Power Rating @ 150 °C 0 watt
Temperature Range55 °C to +150 °C
Temperature Coefficient ±50 ppm/°C
Seal Test 85 °C Fluorinert*
(pin styles only)
Humidity MIL-STD-202 Method 106
96 hours
2 % ΔTR, 100 Megohms IR)
Vibration 30 G (1 % ΔTR; 0.5 %
+ resolution DVR)
Shock 100 G (1 % ΔTR; 0.5 %
+ resolution ΔVR)
Load Life1,000 hours 1 watt @ 70 °C
(2 % ΔTR)
Rotational Life 200 cycles (2 % ΔTR)

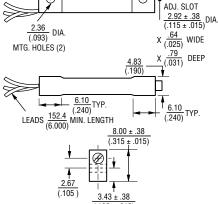
Physical Characteristics

iorque	5.0 oz-in. max.
Mechanical Stops	Wiper idles
Terminals Solde	
Flexible leads (7 s	strands of 30 AWG)
Weight	0.10 oz.
MarkingManufa	cturer's trademark,
resistance code,	, terminal numbers,
date code, ma	nufacturer's model
	number and style
Wiper 50 %	(Actual TR) ±10 %
Flammability	U.L. 94V-0
Standard Packaging	
P&Y Style	10 pcs. per tube
L Style	25 pcs. per bag
Adjustment Tool	H-90

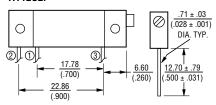
Product Dimensions

RT12C2L Common Dimensions

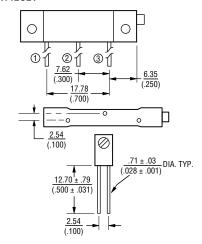




RT12C2P



RT12C2Y



How To Order

Mil-PRF-27208

Model

Characteristic

C = ±50 ppm/°C Temp. Coeff. Max.

2 = 85 °C Rating Temp.

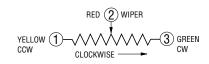
150 °C Max. Operating Temp.

Terminal Style

Resistance Code

Standard Resistance Table

Resistance (Ohms)	Resistance Code	Nominal Resolution (Percent)
10	100	2.40
20	200	1.90
50	500	1.40
100	101	1.00
200	201	0.86
500	501	0.89
1,000	102	0.72
2,000	202	0.58
5,000	502	0.43
10,000	103	0.34
20,000	203	0.31



DIMENSIONS:	MM (INCHES)
TOLERANCES: ± 0.25 (.010)	EXCEPT WHERE NOTED

REV. 04/14

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WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

 $^{^{\}star}$ 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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