

Features

- Multiturn / Wirewound / Industrial / Sealed
- Listed on the QPL per MIL-PRF-27208
- For trimmer applications/processing guidelines, [click here](#)

RT26 - 1/4 " Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 10 to 5K ohms
 (see standard resistance table)
 Resistance Tolerance ±5 % std.
 Absolute Minimum Resistance 0.25 % or 1 ohm max.
 (whichever is greater)
 Noise 100 ohms ENR max.
 Resolution..... See resistance table
 Insulation Resistance 500 vdc.
 1,000 megohms min.
 Dielectric Strength
 Sea Level 600 vac
 80,000 Feet 250 vac
 Adjustment Angle..... 11 turns nom.

Environmental Characteristics

Power Rating
 85 °C 0.25 watt
 150 °C 0 watt
 Temperature Range.....-55 °C to +150 °C
 Temperature Coefficient ±50 ppm/°C
 Seal Test..... 85 °C Fluorinert*
 Humidity..... MIL-STD-202 Method 106
 (1 % ΔTR, 10 Megohms IR)
 Vibration 20 G
 (1 % ΔTR; 1% + resolution ΔVR)
 Shock..... 100 G
 (1 % ΔTR; 1 % + resolution ΔVR)
 Load Life 1,000 hours 0.25 watt @ 85 °C
 (2 % ΔTR; 2 % + resolution ΔVR)
 Rotational Life..... 200 cycles
 (2 % ΔTR)

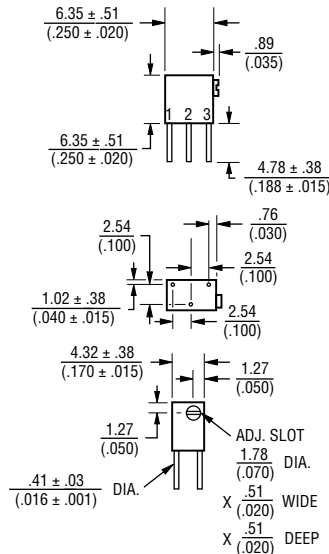
Physical Characteristics

Torque..... 3.0 oz-in. max.
 Mechanical Stops Wiper idles
 Terminals MIL-STD-202; Method 208
 Weight 0.015 oz.
 Marking..... Mil-spec part number
 Wiper 50 % (Actual TR) ±10 %
 Flammability UL 94V-0
 Standard Packaging 50 pcs. per tube
 Adjustment Tool H-90

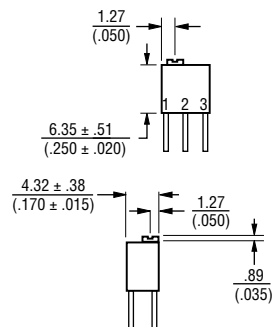
Product Dimensions

RT26C2X

Common Dimensions

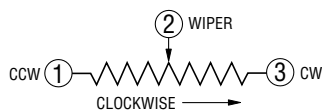


RT26C2W



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED



How To Order

MIL-PRF-27208 **RT26 C2 X 101**
 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	1.90
20	200	1.50
50	500	1.23
100	101	1.00
200	201	0.94
500	501	0.58
1,000	102	0.50
2,000	202	0.45
5,000	502	0.34

REV. 04/14

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

"Trimpot" is a registered trademark of Bourns, Inc.

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.