Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs
- Listed on the QPL per MIL-PRF-22097 and High-Rel MIL-PRF-39035
- For trimmer applications/processing guidelines, click here

RJ24/RJR24 - 3/8” Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
- 10 ohms to 1 meghm

Resistance Tolerance
- ±10 % std.
- Absolute Minimum Resistance
  - RJ24: 2 % or 20 ohms max. (whichever is greater)
  - RJR24: 2 % or 2 ohms max. (whichever is greater)

Contact Resistance Variation
- 3.0 % or 3 ohms max. (whichever is greater)

Adjustability
- Voltage
- Resistance
- Resolution
  - Infinite
- Insulation Resistance
  - 500 vdc.
  - 1,000 megohms min.

Dielectric Strength
- Sea Level: 1,000 vac
- Effective Travel: 25 turns nom.

Environmental Characteristics

Power Rating (300 volts max.)
- 85 °C: 0.5 watt
- 150 °C: 0 watt

Temperature Range
- -55 °C to +150 °C

Seal Test
- 85 °C Fluorinert™

Humidity
- MIL-STD-202 Method 106

Temperature Coefficient
- ±100 ppm/°C

Shock
- 100 G (1 % ΔTR, 1 % ΔVR)

Vibration
- 20 G (1 % ΔTR, 1 % ΔVR)

Load Life
- RJ24: 96 hours
- RJR24: 96 hours

RJR24: 100,000 hours 0.5 watt @ 85 °C
- RJ24: 25,000 hours 0.5 watt @ 85 °C
- RJR24: 250,000 hours 0.5 watt @ 85 °C

Rotational Life
- 200 cycles (2 % ΔTR)

Physical Characteristics

Torque
- 5.0 oz-in. max.

Mechanical Stops
- Wiper idles

Terminals
- Mil-Std 202, Method 208

Weight
- 0.025 oz.

Marking
- Mil-spec part number, date code

Wiper
- 50 % (Actual TR) ±10 % Flammability
- U.L. 94V-0

Standard Packaging
- 50 pcs. per tube

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Adjustment Tool
- H-90