

Features

- Multiturn / Cermet / Industrial / Sealed
- Listed on the QPL per MIL-PRF-22097 and High-Rel MIL-PRF-39035

RJ26/RJR26 - 1/4" Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 10 to 1 megohm
 (see standard resistance table)
 Resistance Tolerance ±10 % std.
 Absolute Minimum Resistance
 RJ26 2 % or 20 ohms max. (whichever is greater)
 RJR26 2 % or 2 ohms max. (whichever is greater)
 Contact Resistance Variation ... 3.0 % or 3 ohms max. (whichever is greater)
 Adjustability
 Voltage ±0.02 %
 Resistance ±0.05 %
 Resolution Infinite
 Insulation Resistance 500 vdc. 1,000 megohms min.
 Dielectric Strength
 Sea Level 600 vac
 80,000 Feet 250 vac
 Effective Travel 12 turns nom.

Environmental Characteristics

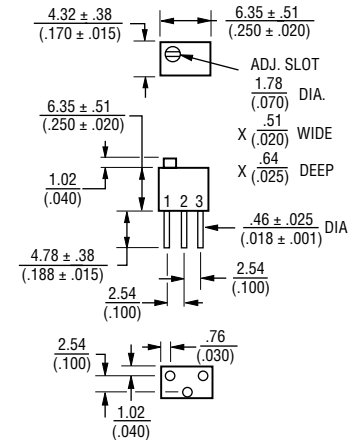
Power Rating (200 volts max.)
 85 °C 0.25 watt
 150 °C 0 watt
 Temperature Range ... -65 °C to +150 °C
 Temperature Coefficient ... ±100 ppm/°C
 Seal Test 85 °C Fluorinert*
 Humidity
 RJ26 MIL-STD-202 Method 106
 96 hours (1 % ΔTR, 10 Megohms IR)
 RJR26 MIL-STD-202 Method 106
 96 hours (1 % ΔTR, 100 Megohms IR)
 Vibration 20 G (1 % ΔTR; 1 % ΔVR)
 Shock 100 G (1 % ΔTR; 1 % ΔVR)
 Load Life
 RJ26.. 1,000 hours 0.25 watt @ 85 °C
 (2 % ΔTR; 1 % ΔVR)
 RJR26 . 10,000 hours 0.25 watt @ 85 °C
 (3 % ΔTR)
 Rotational Life 200 cycles
 (2 % ΔTR)

Physical Characteristics

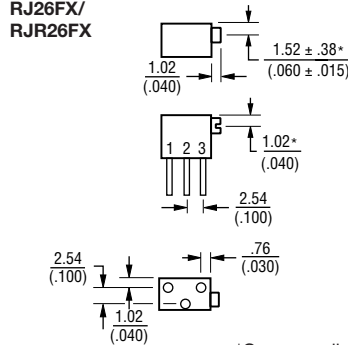
Torque 3.0 oz-in. max.
 Mechanical Stops Wiper idles
 Terminals MIL-STD-202; Method 208
 Weight 0.015 oz.
 Marking Mil-spec part number
 Wiper 50 % (Actual TR) ±10 %
 Flammability U.L. 94V-0
 Standard Packaging 50 pcs. per tube
 Adjustment Tool H-90

Product Dimensions

RJ26FW/RJR26FW Common Dimensions

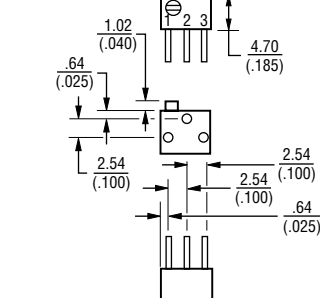


RJ26FX/ RJR26FX



*Common dimensions

RJ26FP/ RJR26FP



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

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

How To Order

MIL-PRF-22097 **RJ26 F W 202**

Model _____
 Characteristic _____
 F = ±100 ppm/°C Temp. Coeff. Max.
 Terminal Style _____
 Resistance Code _____

How To Order

MIL-PRF-39035 **RJR26 F W 204 P**

Model _____
 Characteristic _____
 F = ±100 ppm/°C Temp. Coeff. Max.
 Terminal Style _____
 Resistance Code _____
 Failure Rate
 M = 1.0 %
 P = 0.1 %
 R = 0.01 %

Standard Resistance Table

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

