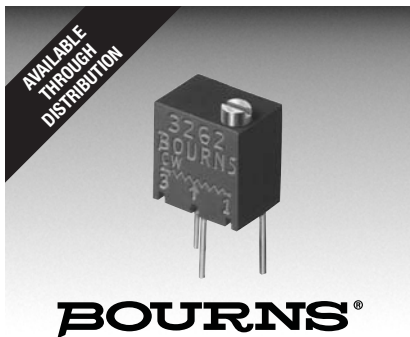




Features

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

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

Electrical Characteristics

Standard Resistance Range 10 to 1 megohm
(see standard resistance table)
Resistance Tolerance $\pm 10\%$ std.
Absolute Minimum Resistance
RJ26 2 % or
20 ohms max. (whichever is greater)
RJ26 2 % or
2 ohms max. (whichever is greater)
Contact Resistance Variation ... 3.0 % or
3 ohms max. (whichever is greater)
Adjustability
Voltage $\pm 0.02\%$
Resistance $\pm 0.05\%$
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 % Δ TR, 10 Megohms IR)
RJ26 MIL-STD-202 Method 106
96 hours (1 % Δ TR, 100 Megohms IR)
Vibration 20 G (1 % Δ TR; 1 % Δ VR)
Shock 100 G (1 % Δ TR; 1 % Δ VR)
Load Life
RJ26.. 1,000 hours 0.25 watt @ 85 °C
(2 % Δ TR; 1 % Δ VR)
RJ26.. 10,000 hours 0.25 watt @ 85 °C
(3 % Δ TR)
Rotational Life 200 cycles
(2 % Δ TR)

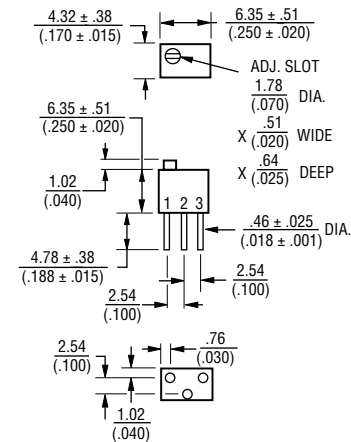
Physical Characteristics

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) $\pm 10\%$
Flammability U.L. 94V-0
Standard Packaging 50 pcs. per tube
Adjustment Tool H-90

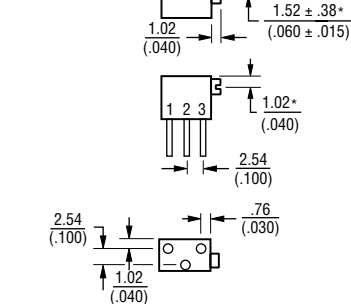
Product Dimensions

RJ26FW/RJR26FW

Common Dimensions

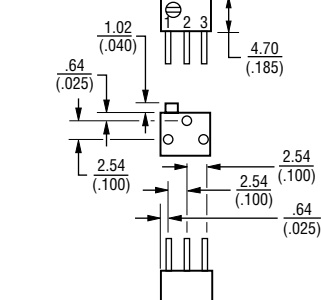


RJ26FX/ RJ26FX



*Common dimensions

RJ26FP/ RJ26FP



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

TOLERANCES: $\pm \frac{0.25}{(.010)}$ 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

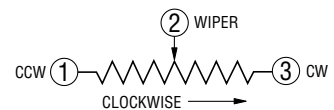
How To Order

MIL-PRF-39035 RJ26 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



REV. 08/10

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

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

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.