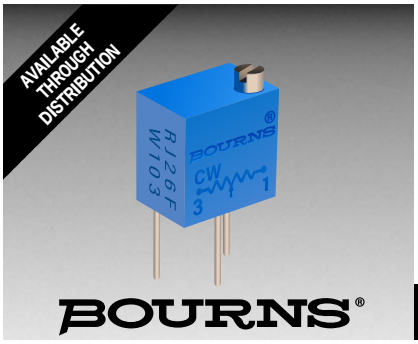


Features

- 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 .....±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
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)

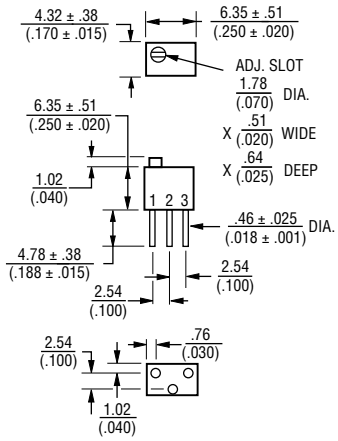
Physical Characteristics

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

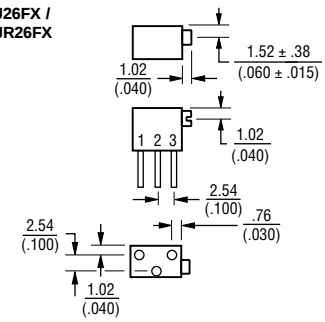
WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

Product Dimensions

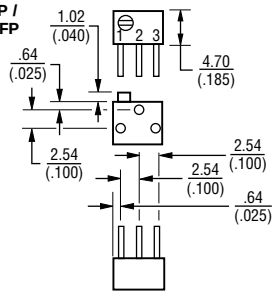
RJ26FW / RJR26FW



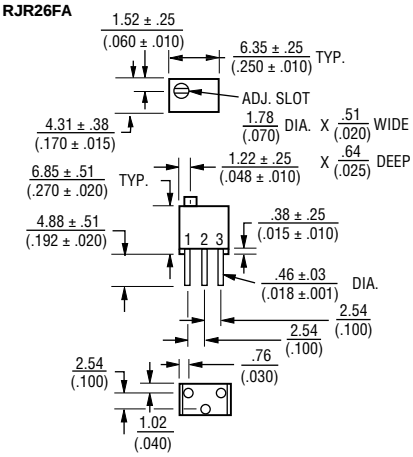
RJ26FX / RJR26FX



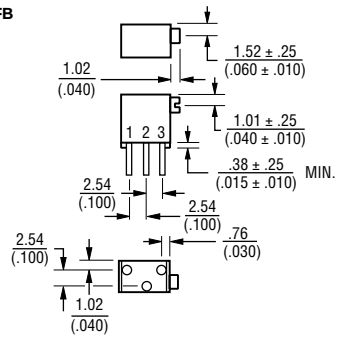
RJ26FP / RJR26FP



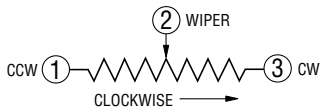
RJR26FA



RJR26FB



Schematic



DIMENSIONS: MM (INCHES)

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

Standard Resistance Table

Resistance (Ohms)	Resistance Code	Resistance (Ohms)	Resistance Code
10	100	10,000	103
20	200	20,000	203
50	500	25,000	253
100	101	50,000	503
200	201	100,000	104
500	501	200,000	204
1,000	102	250,000	254
2,000	202	500,000	504
5,000	502	1,000,000	105

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Additional Information

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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 %

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