

## 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 " Trimptot® 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 .....  $-65\text{ °C}$  to  $+150\text{ °C}$   
Temperature Coefficient .....  $\pm 100\text{ ppm/°C}$   
Seal Test ..... 85 °C Fluorinert\*  
Humidity  
RJ26 ..... MIL-STD-202 Method 106  
96 hours (1 %  $\Delta$ TR, 10 Megohms IR)  
RJ26 ..... MIL-STD-202 Method 106  
96 hours (1 %  $\Delta$ TR, 100 Megohms IR)  
Vibration ..... 20 G (1 %  $\Delta$ TR; 1 %  $\Delta$ VR)  
Shock ..... 100 G (1 %  $\Delta$ TR; 1 %  $\Delta$ VR)  
Load Life  
RJ26..1,000 hours 0.25 watt @ 85 °C  
(2 %  $\Delta$ TR; 1 %  $\Delta$ VR)  
RJ26..10,000 hours 0.25 watt @ 85 °C  
(3 %  $\Delta$ TR)  
Rotational Life ..... 200 cycles  
(2 %  $\Delta$ 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

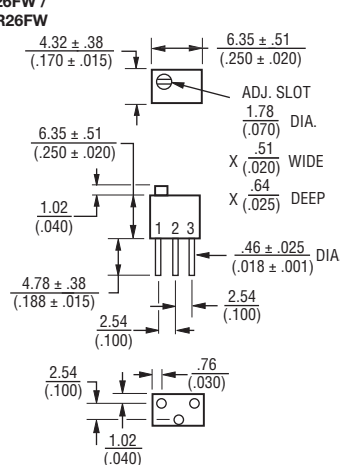


**WARNING**  
**Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

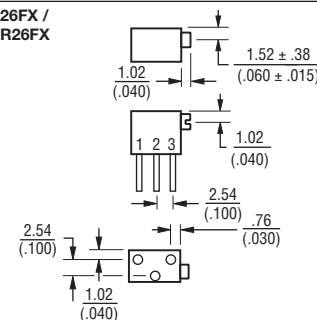
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### Product Dimensions

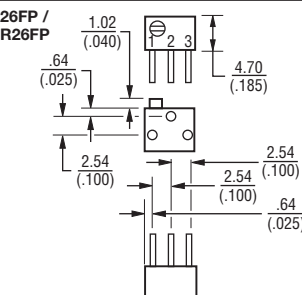
RJ26FW /  
RJ26FW



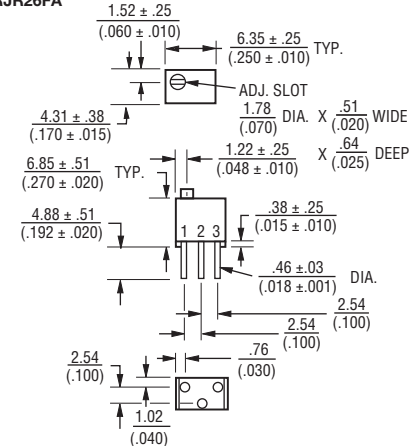
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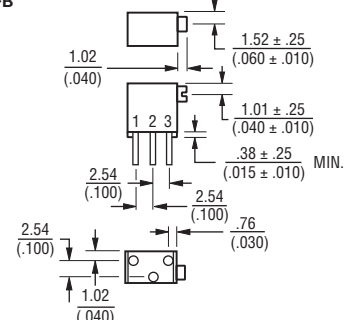
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RJ26FP



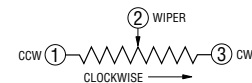
RJR26FA



RJR26FB



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 =  $\pm 100\text{ ppm/°C}$  Temp. Coeff. Max.  
Terminal Style .....  
Resistance Code .....

### How To Order

**MIL-PRF-39035 RJR26 F W 204 P**  
Model .....  
Characteristic .....  
F =  $\pm 100\text{ ppm/°C}$  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	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

REV. 04/14

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