

Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- RoHS compliant* version available

3266 - 1/4 " Square Trimpot® Trimming Potentiometer

Electrical Characteristics

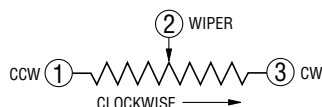
Standard Resistance Range
.....10 ohms to 1 megohm
(see standard resistance table)
Resistance Tolerance $\pm 10\%$ std.
Absolute Minimum Resistance
..... 1 % or 2 ohms max.
(whichever is greater)
Contact Resistance Variation
..... 3.0 % or 3 ohms max.
(whichever is greater)
Adjustability
Voltage $\pm 0.02\%$
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 (300 volts max.)
70 °C 0.25 watt
150 °C 0 watt
Temperature Range ... -55 °C to +125 °C
Temperature Coefficient ... ± 100 ppm/°C
Seal Test 85 °C Fluorinert†
Humidity MIL-STD-202 Method 103
96 hours (2 % Δ TR; 10 Megohms IR)
Vibration 30 G (1 % Δ TR; 1 % Δ VR)
Shock 100 G (1 % Δ TR; 1 % Δ VR)
Load Life... 1,000 hours 0.25 watt 70 °C
(3 % Δ TR; 3 % CRV)
Rotational Life 200 cycles
(4 % Δ TR; 3 % or 3 ohms,
whichever is greater, CRV)

Physical Characteristics

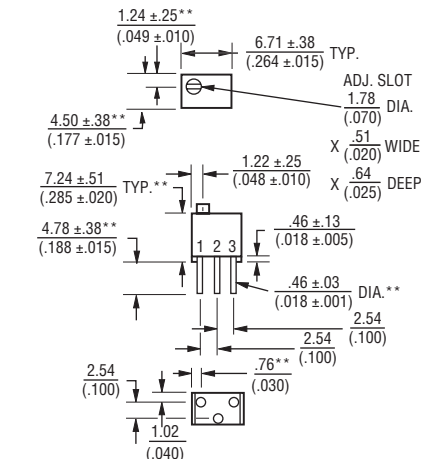
Torque 3.0 oz-in. max.
Mechanical Stops Wiper idles
Terminals Solderable pins
Weight 0.015 oz.
Marking Manufacturer's
trademark, resistance code,
wiring diagram, date code,
manufacturer's model
number and style
Wiper 50 % (Actual TR) $\pm 10\%$
Flammability U.L. 94V-0
Standard Packaging 50 pcs. per tube
Adjustment Tool H-90



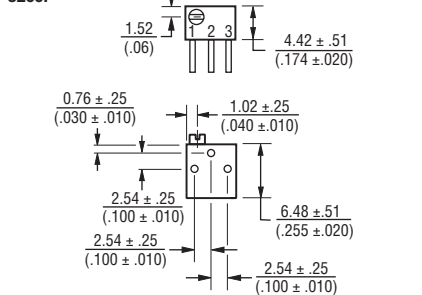
Product Dimensions

3266W

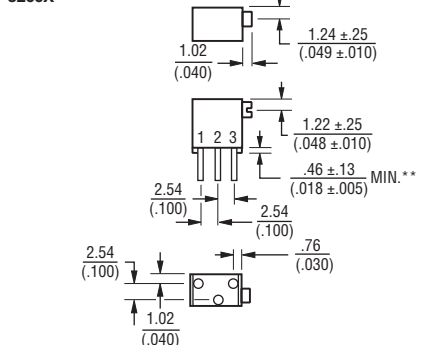
Common Dimensions



3266P



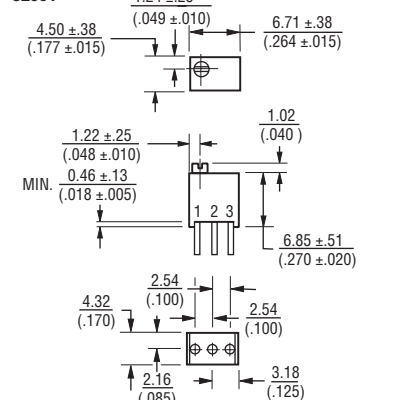
3266X



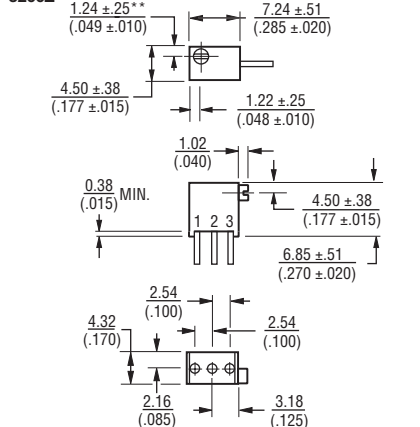
**Common dimensions

DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

3266Y



3266Z



How To Order

Model **3266 W - 1 - 103** LF
Style _____
Standard or Modified
Product Indicator _____
-1 = Standard Product
Resistance Code _____
Packaging Designator _____
Blank = Tube (Standard)
R = Tape and Reel (Z and Y Pin Styles
Only)
A = Ammo Pack (Z and Y Pin Styles Only)
Terminations _____
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated
(Standard)

Consult factory for other available options.

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
†"Fluorinert" is a registered trademark of 3M Co.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

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BOURNS®

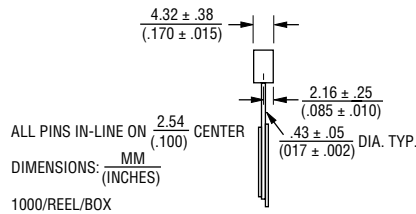
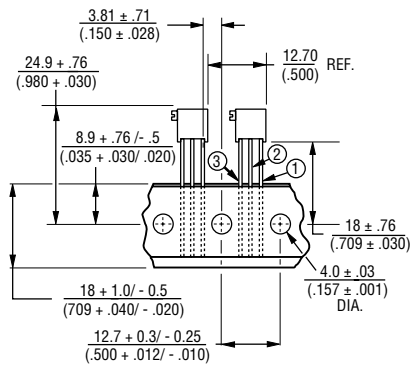
Standard Resistance Table

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

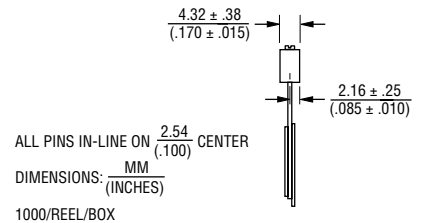
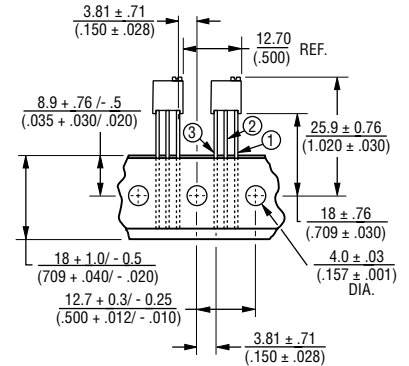
Popular distribution resistance values listed in boldface. Special resistances available.

Packaging Specifications

**SIDE ADJUST
3266Z-1**



**TOP ADJUST
3266Y-1**



Meets EIA Specification 468.

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