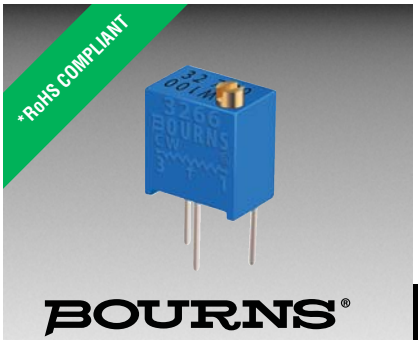


Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

3266 - 1/4 " Square Trimpot® Trimming Potentiometer

Electrical Characteristics

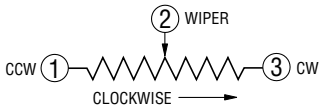
Standard Resistance Range
.....10 ohms to 1 megohm
(see standard resistance table)
Resistance Tolerance ..... ±10 % std.
Absolute Minimum Resistance
..... 1 % or 2 ohms max.
(whichever is greater)
Contact Resistance Variation
..... 3.0 % or 3 ohms max.
(whichever is greater)
Adjustability
Voltage Divider ..... ±0.02 %
Rheostat..... ±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 % ΔTR, 10 Megohms IR)
Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)
Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)
Load Life...1,000 hours 0.25 watt 70 °C
(3 % ΔTR; 3 % CRV)
Rotational Life .....200 cycles
(4 % ΔTR; 3 % or 3 ohms,
whichever is greater, CRV)

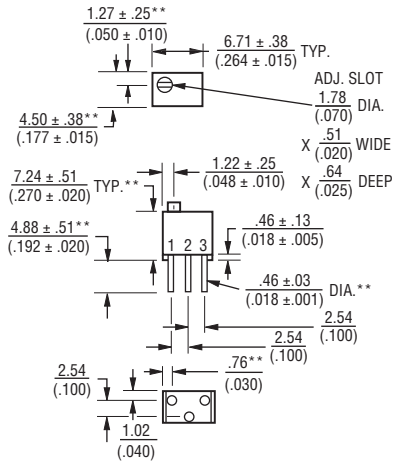
Physical Characteristics

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

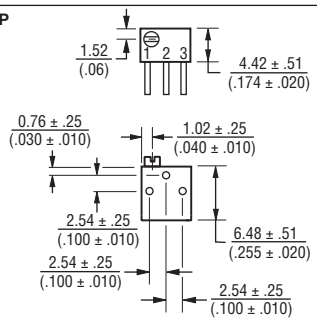


Product Dimensions

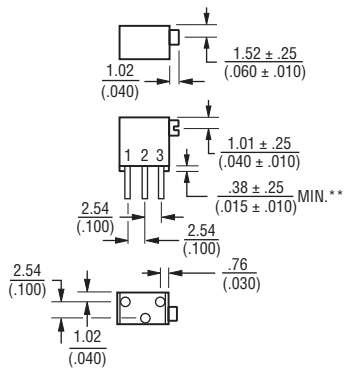
3266W
Common Dimensions



3266P



3266X

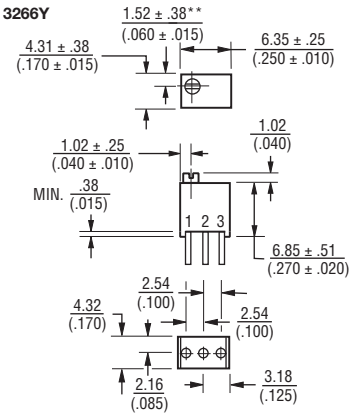


**Common dimensions

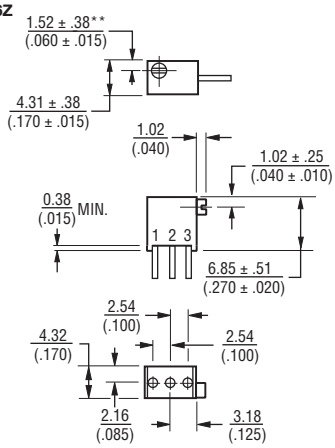
DIMENSIONS: MM / (INCHES)

TOLERANCES: ± 0.25 / (.010) EXCEPT WHERE NOTED

3266Y



3266Z



How To Order

3266 W - 1 - 103 __ LF

Model
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 and RoHS Recast 2011/65/EU June 8, 2011.
†"Fluorinert" is a registered trademark of 3M Co.
Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

3266 - 1/4 ” Square Trimpot® Trimming Potentiometer

BOURNS®

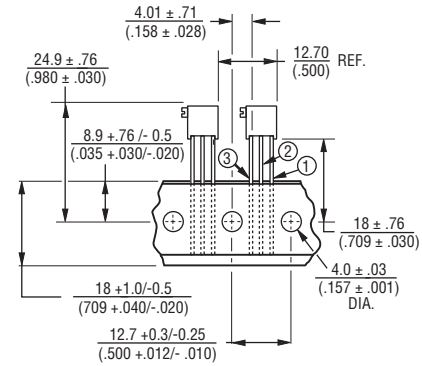
Standard Resistance Table

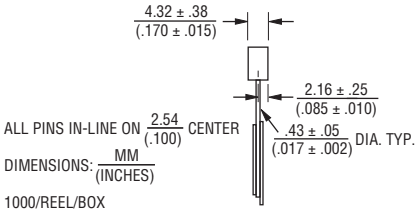
Resistance (Ohms)	Resistance Code
10	100
100	101
200	201
500	501
1,000	**102**
2,000	**202**
5,000	**502**
10,000	**103**
20,000	**203**
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

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

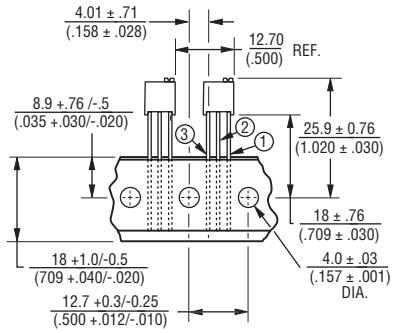
Packaging Specifications

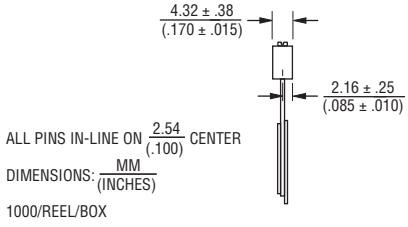
SIDE ADJUST
3266Z-1





TOP ADJUST
3266Y-1





Meets EIA Specification 468.

DIMENSIONS: MM (INCHES)

REV. 12/14

“Trimpot” is a registered trademark of Bourns, Inc.
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