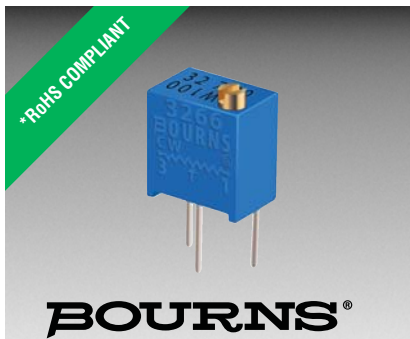




Features

- 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

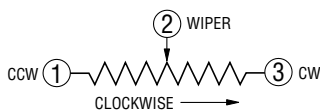
Standard Resistance Range	10 ohms to 1 megohm (see standard resistance table)
Resistance Tolerance	 ±10 % std.
Absolute Minimum Resistance	 1 % or 2 ohms max. (whichever is greater)
Contact Resistance Variation	 3.0 % or 3 ohms max. (whichever is greater)
Adjustability	
Voltage Divider	 ±0.02 %
Rheostat	 ±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

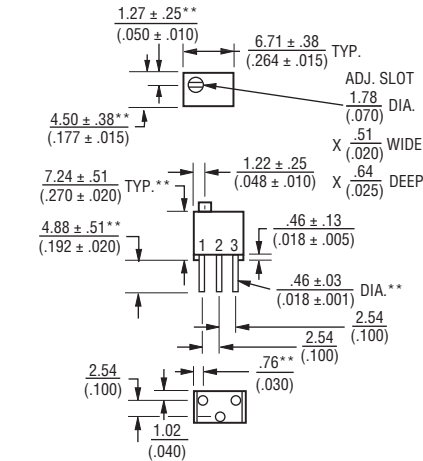
Torque	 3.0 oz-in. max.
Mechanical Stops	 Wiper idles
Terminals	 Solderable pins
Weight	 0.015 oz.
Marking	 Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Wiper	 50 % (Actual TR) ±10 %
Flammability	 U.L. 94V-0
Standard Packaging	 50 pcs. per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



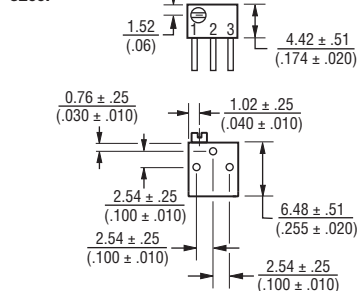
Product Dimensions

3266W

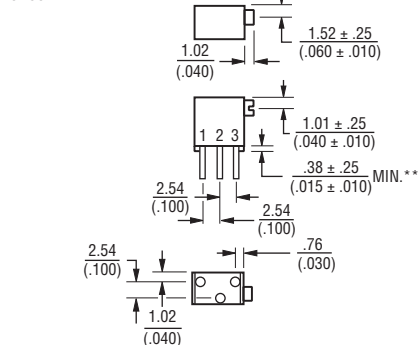
Common Dimensions



3266P



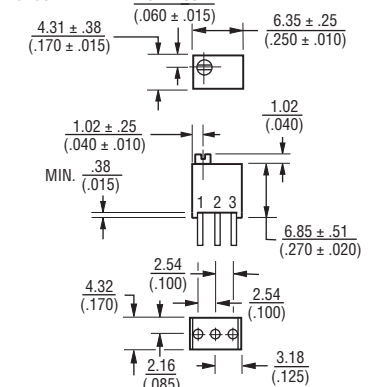
3266X



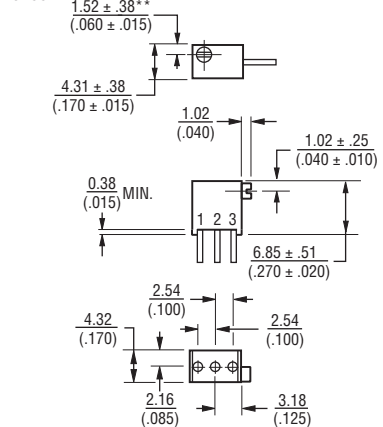
**Common dimensions

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

3266Y



3266Z



How To Order

Model	3266
Style	W
Standard or Modified	-1
Product Indicator	103
Resistance Code	LF
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®

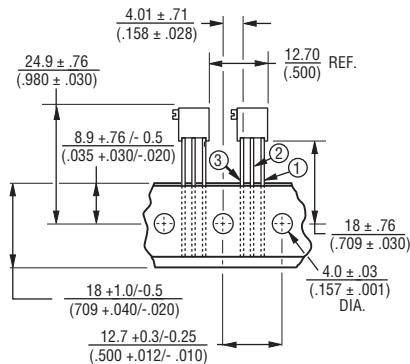
Standard Resistance Table

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

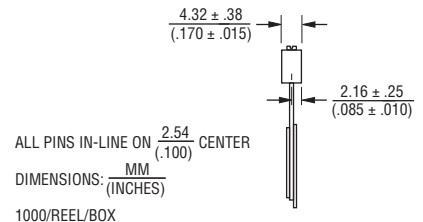
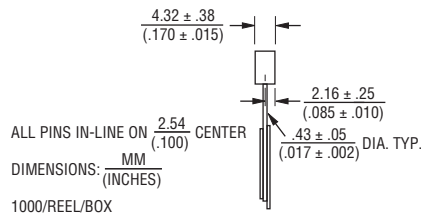
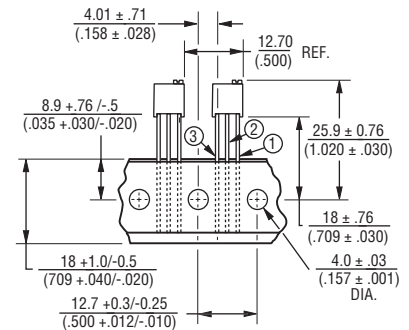
Popular distribution resistance values listed in boldface. Special resistances available.

Packaging Specifications

**SIDE ADJUST
3266Z-1**



**TOP ADJUST
3266Y-1**



Meets EIA Specification 468.

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

REV. 12/14

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[3266Z-1-100](#) [3266X-1-104](#) [3266Y-1-100](#) [3266Y-1-104](#) [3266X-1-100](#) [3266Y-1-103](#) [3266Y-1-102](#) [3266X-1-102](#)
[3266Z-1-102](#) [3266X-1-101](#) [3266Y-1-105](#) [3266Z-1-101](#) [3266Y-1-101](#) [3266X-1-105](#) [3266Z-1-105](#) [3266Z-1-104](#)
[3266X-1-103](#) [3266Z-1-103](#) [3266Y-1-203R](#) [3266Y-1-201R](#) [3266Y-1-104R](#) [3266W-1-203](#) [3266W-1-202](#) [3266W-1-200](#)
[3266P-1-203](#) [3266P-1-204](#) [3266W-1-204](#) [3266W-1-205](#) [3266W-1-201](#) [3266P-1-200](#) [3266P-1-201](#) [3266Y-1-500R](#)
[3266X-1-204](#) [3266Y-1-200](#) [3266X-1-202](#) [3266Y-1-201](#) [3266Z-1-202](#) [3266X-1-201](#) [3266Y-1-202](#) [3266Z-1-201](#)
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[3266X-1-253](#) [3266X-1-254](#) [3266Y-1-503R](#) [3266Y-1-501R](#) [3266Z-1-502R](#) [3266Y-1-502R](#) [3266W-1-503](#) [3266P-1-](#)
[503](#) [3266W-1-501](#) [3266W-1-502](#) [3266P-1-502](#) [3266W-1-500](#) [3266P-1-504](#) [3266P-1-500](#) [3266P-1-501](#) [3266W-1-](#)
[504](#) [3266Y-1-102R](#) [3266Y-1-103R](#) [3266Z-1-103R](#) [3266Z-1-101R](#) [3266Y-1-105R](#) [3266Y-1-101R](#) [3266X-1-601](#)
[3266W-1-473](#) [3266Y-1-202R](#) [3266Y-1-204R](#) [3266P-1-101LF](#) [3266P-1-102LF](#) [3266P-1-103LF](#) [3266P-1-105LF](#)
[3266P-1-202LF](#) [3266P-1-203LF](#) [3266P-1-254LF](#) [3266P-1-502LF](#) [3266P-1-503LF](#) [3266P-1-504LF](#) [3266W-1-100LF](#)
[3266W-1-101LF](#) [3266W-1-102LF](#) [3266W-1-103LF](#) [3266W-1-104LF](#) [3266W-1-105LF](#) [3266W-1-200LF](#) [3266W-1-](#)
[201LF](#) [3266W-1-202LF](#) [3266W-1-203LF](#) [3266W-1-204LF](#) [3266W-1-253LF](#) [3266W-1-254LF](#) [3266W-1-500LF](#)
[3266W-1-501LF](#) [3266W-1-502LF](#)