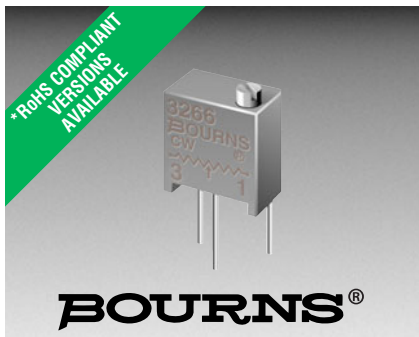




Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- Patent #4427966 drive mechanism
- RoHS compliant* version available

3266 - 1/4 " Square Trimming Potentiometer

Electrical Characteristics

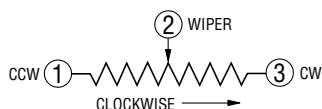
Standard Resistance Range	10 to 1 megohm
	(see standard resistance table)
Resistance Tolerance	±10 % std.
Absolute Minimum Resistance	1 % or 2 ohms max.
	(whichever is greater)
Contact Resistance Variation	3.0 % or 3 ohms max.
	(whichever is greater)
Adjustability	
Voltage	±0.02 %
Resistance	±0.05 %
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 (300 volts max.)	
70 °C	0.25 watt
150 °C	0 watt
Temperature Range	-55 °C to +150 °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)

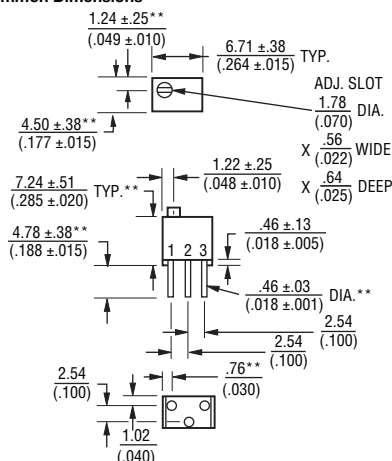
Physical Characteristics

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

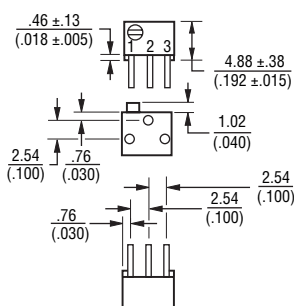


3266W

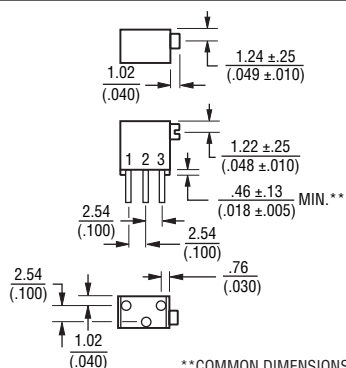
Common Dimensions



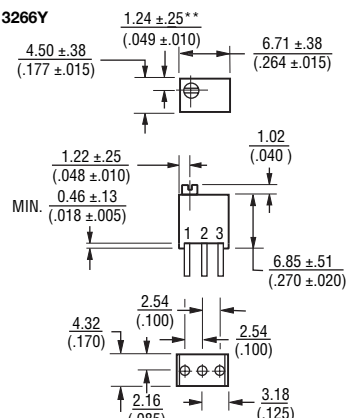
3266P



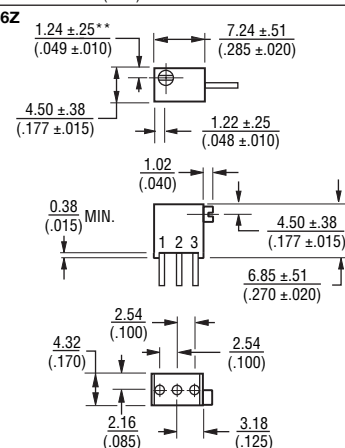
3266X



3266Y



3266Z



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

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

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.
†"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.

3266 - 1/4 " Square Trimming Potentiometer

BOURNS®

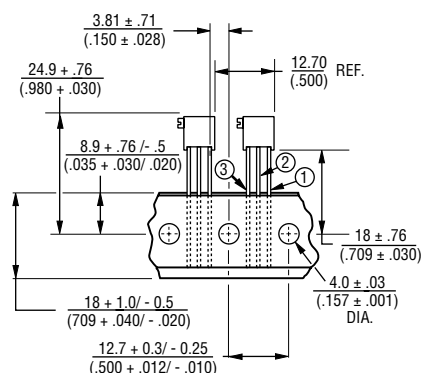
Standard Resistance Table

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

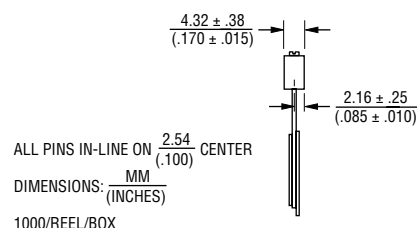
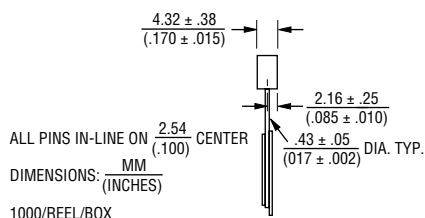
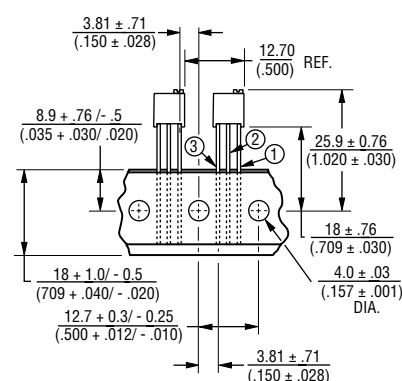
Popular distribution resistance values listed in boldface. Special resistances available.

Packaging Specifications

**SIDE ADJUST
3266Z-1**



**TOP ADJUST
3266Y-1**



Meets EIA Specification 468.