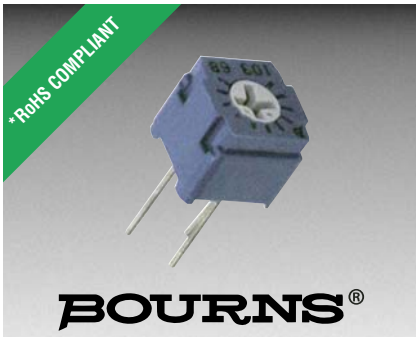




Features

- PC board and bushing mount
- Plastic bushing and plastic shaft
- Withstands typical industry washing processes
- Cermet resistance element
- RoHS compliant*

3366 - 1/4 " Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range	10 ohms to 2 megohms (see standard resistance table)
Resistance Tolerance	±10 % std.
Absolute Minimum Resistance	1 % or 2 ohms max. (whichever is greater)
Contact Resistance Variation	2 % or 3 ohms max. (whichever is greater)
Resolution	Essentially infinite
Insulation Resistance	500 vdc. 1,000 megohms min.
Dielectric Strength	
Sea Level	900 vac (1 minute)
Adjustment Angle	220 ° nom.

Environmental Characteristics

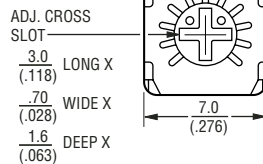
Power Rating (200 volts max.)	
70 °C	0.5 watt
125 °C	0 watt
Temperature Range	-55 °C to +125 °C
Temperature Coefficient	
10 ohms to 20 ohms	±150 ppm/°C
50 ohms to 2 megohms	±100 ppm/°C
Humidity	10 cycles, 240 hours TRS ±2 %
Vibration	30 G TRS ±1 %; VRS ±1 %
Shock	100 G TRS ±1 %; VRS ±1 %
Load Life	1,000 hours @ 70 °C rated power
Rotational Cycling	100 cycles

Physical Characteristics

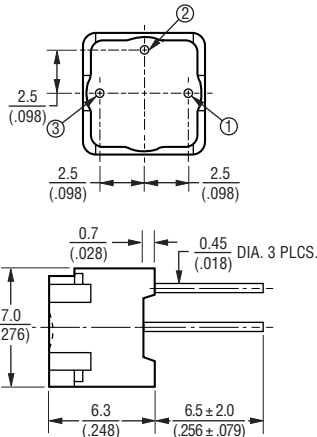
Mechanical Angle	260 ° nom.
Torque	3.0 oz-in. max.
Stop Strength	7.0 oz -in. min.
Weight	Approximately 0.02 oz.
Marking	Resistance, type and date code
Wiper	Set at 50 % nominal
Flammability	U.L.-94HB
Standard Packaging	50 pcs./tube
Adjustment Tool	H-90

Product Dimensions

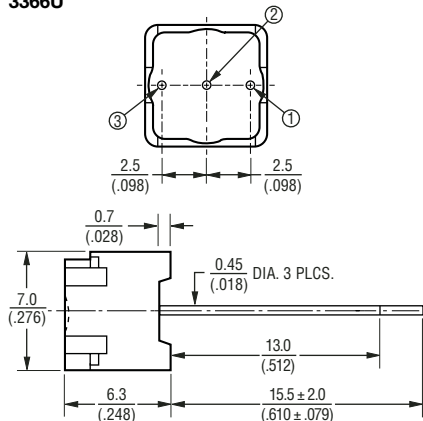
Common Dimensions Top Adjust



3366P



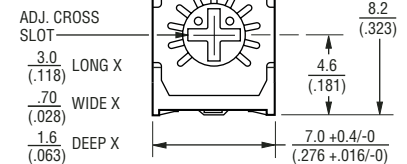
3366U



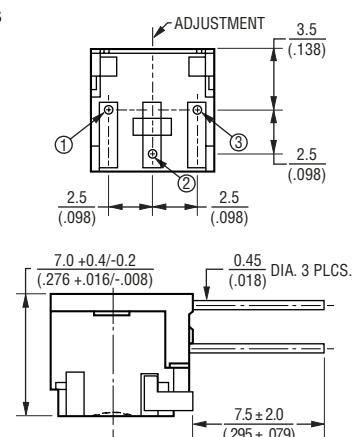
TOLERANCES: ± 0.3 (.012) EXCEPT WHERE NOTED

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

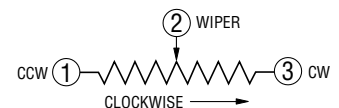
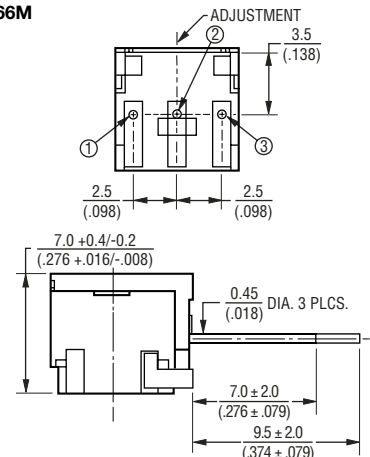
Common Dimensions Side Adjust



3366S



3366M



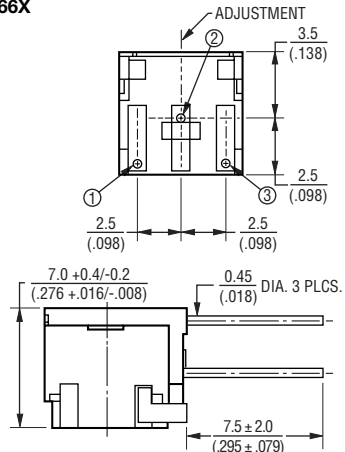
3366 - 1/4 " Square Trimming Potentiometer

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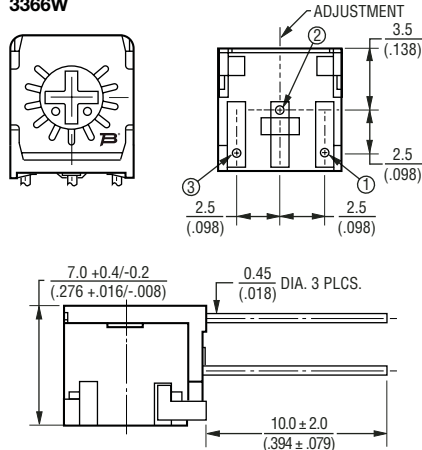
Product Dimensions

Top Adjust (Continued)

3366X



3366W



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
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

Popular resistance values listed in boldface.
Consult factory for special resistances.

How to Order

3366 P - 1 - 502 -
 Model _____
 Style _____
 Standard or Modified _____
 Product Indicator _____
 -1 = Standard Product
 Resistance Code _____
 Packaging Designator _____
 Blank = Tube - 50 pcs./tube (Standard)
 A = Ammo Pack - 1000 pcs./box

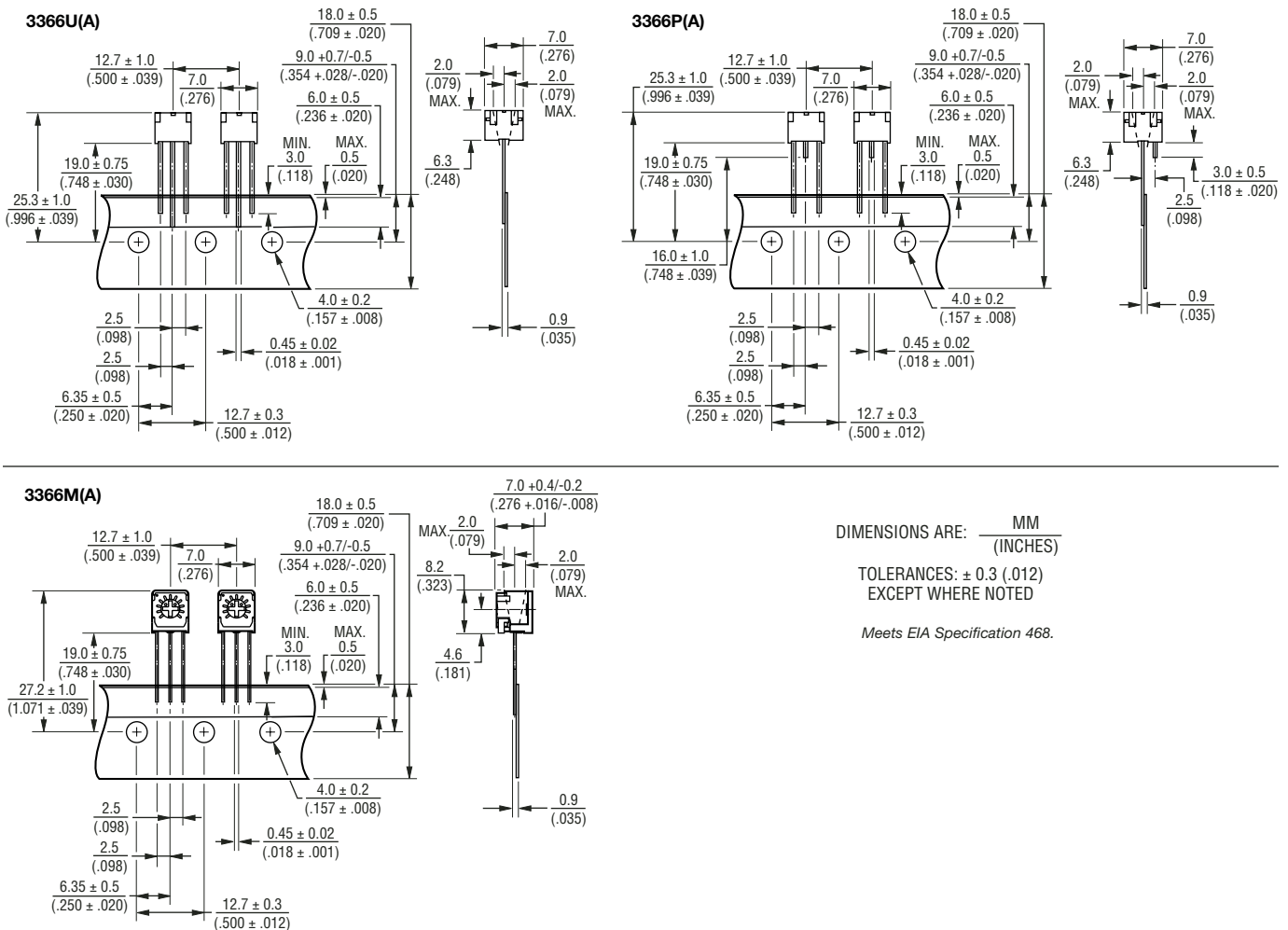
TOLERANCES: ± 0.3 (0.012) EXCEPT WHERE NOTED

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

3366 - 1/4 " Square Trimming Potentiometer

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Packaging Specifications



Reliable Electronic Solutions

Asia-Pacific:

Tel: +886-2 2562-4117 • Fax: +886-2 2562-4116

Europe:

Tel: +41-41 768 5555 • Fax: +41-41 768 5510

The Americas:

Tel: +1-951 781-5500 • Fax: +1-951 781-5700

www.bourns.com

REV. 08/06

Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.