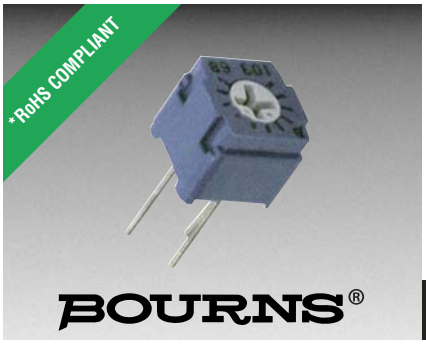


Features

- 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

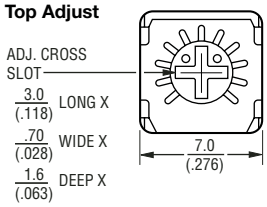
Power Rating (200 volts max.)
70 °C.....0.5 watt
125 °C.....0 watt
Temperature Range
.....-55 °C to +125 °C
Temperature Coefficient
10 ohms to 20 ohms.....±150 ppm/°C
50 ohms to 2 megohms..±100 ppm/°C
Humidity.....10 cycles, 240 hours
TRS ±2 %
Vibration.....30 G TRS ±1 %; VRS ±1 %
Shock.....100 G TRS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

Physical Characteristics

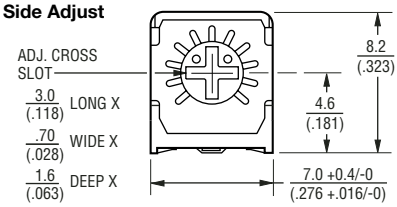
Mechanical Angle .....260 ° nom.
Torque .....3.0 oz-in. max.
Stop Strength.....7.0 oz -in. min.
Weight .....Approximately 0.02 oz.
Marking .....Resistance, type and
date code
Wiper.....Set at 50 % nominal
Flammability U.L.-94HB
Standard Packaging .....50 pcs./tube
Adjustment Tool H-90

Product Dimensions

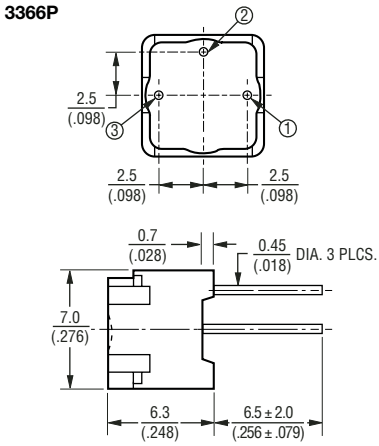
Common Dimensions
Top Adjust



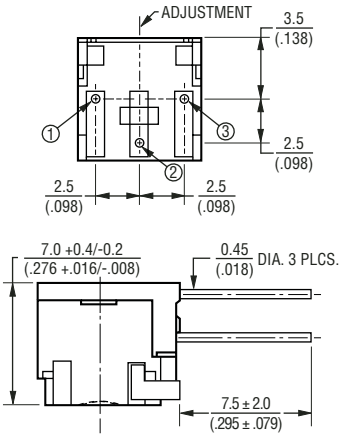
Common Dimensions
Side Adjust



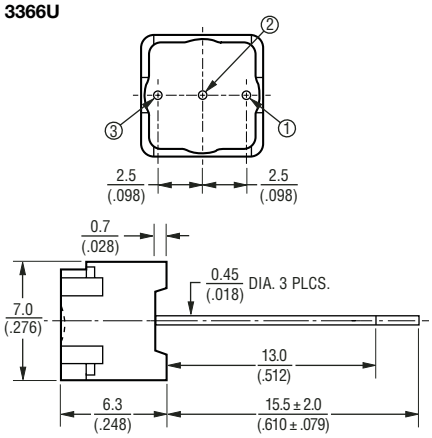
3366P



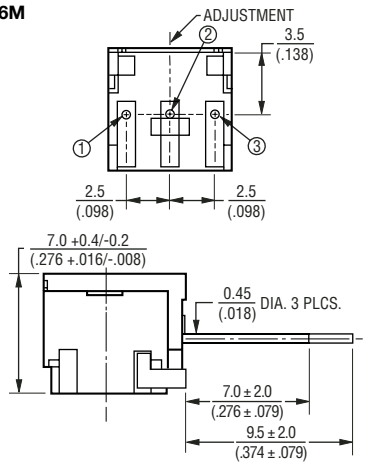
3366S



3366U

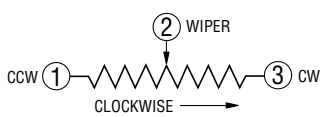


3366M



TOLERANCES: ± 0.3 (.012) EXCEPT WHERE NOTED

DIMENSIONS ARE: MM / (INCHES)



*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

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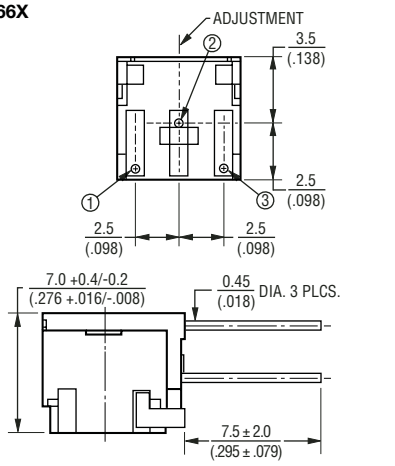
3366 - 1/4 ” Square Trimming Potentiometer

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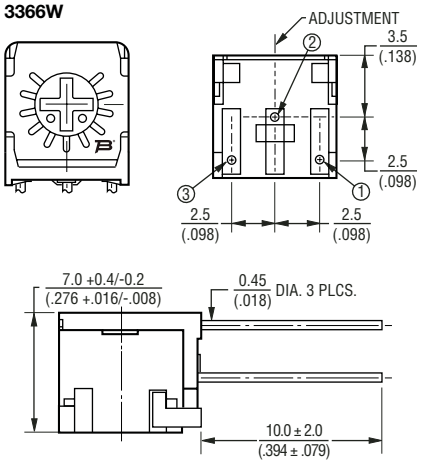
Product Dimensions

Top Adjust (Continued)

3366X



3366W



TOLERANCES: ± 0.3 (.012) EXCEPT WHERE NOTED

DIMENSIONS ARE: MM / (INCHES)

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

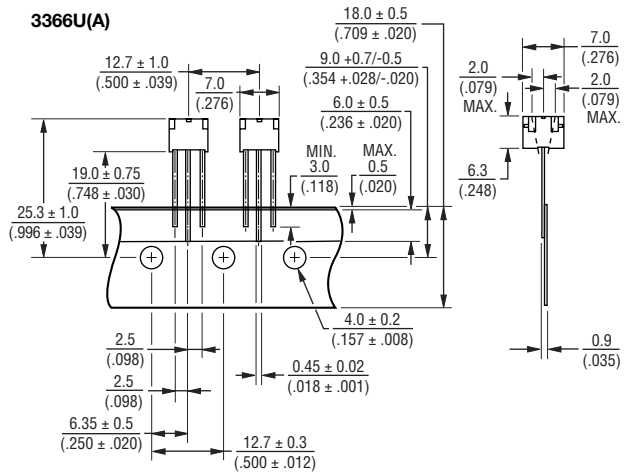
Packaging Designator
Blank = Tube - 50 pcs./tube (Standard)
A = Ammo Pack - 1000 pcs./box

Specifications are subject to change without notice.
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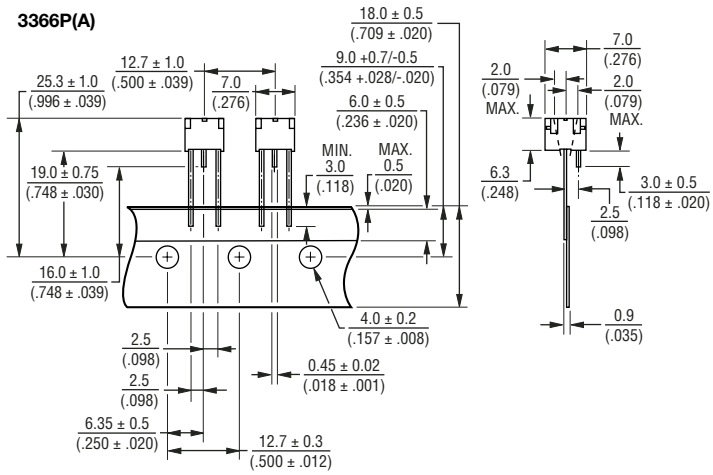
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Packaging Specifications

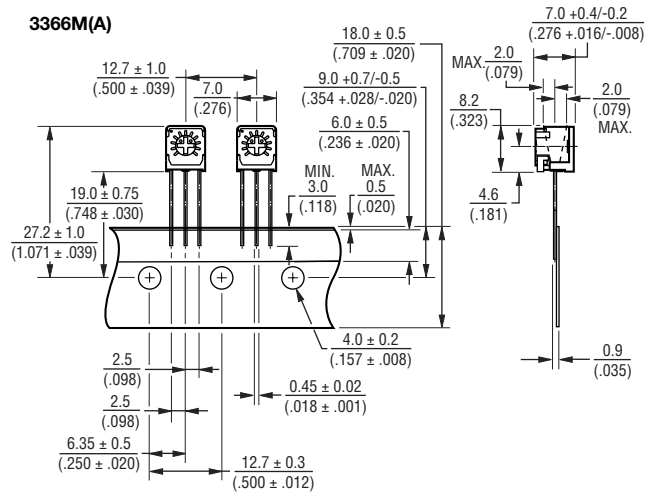
3366U(A)



3366P(A)



3366M(A)



DIMENSIONS ARE: MM / (INCHES)

TOLERANCES: ± 0.3 (.012)
EXCEPT WHERE NOTED

Meets EIA Specification 468.

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