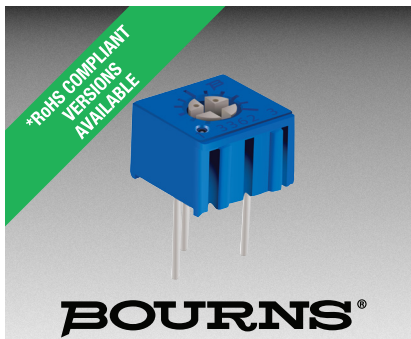




Features

- Single-Turn / Cermet / Industrial / Sealed
- Miniature package
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning processes
- Tape and reel packaging available

- RoHS compliant* version available
- For trimmer applications/processing guidelines, [click here](#)

3362 – 1/4 " Square Timpot® Trimming Potentiometer

Additional Information

Click these links for more information:



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 (whichever is greater)
Contact Resistance Variation	1 % or 3 ohms max. (whichever is greater)
Adjustability	
Voltage Divider	±0.05 %
Rheostat	±0.15 %
Resolution	Infinite
Insulation Resistance	500 VDC 1,000 megohms min.
Dielectric Strength	
Sea Level	900 VAC
80,000 Feet	350 VAC
Adjustment Angle	240 ° nom.

Environmental Characteristics

Power Rating (300 volts max.)	
70 °C	0.50 watt
125 °C	0 watt
Temperature Range	-55 °C to +125 °C
Temperature Coefficient	±100 PPM/°C
Seal Test	85 °C
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 0.5 watt @ 70 °C (3 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)
Rotational Life	200 cycles (4 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)



WARNING Cancer and Reproductive Harm

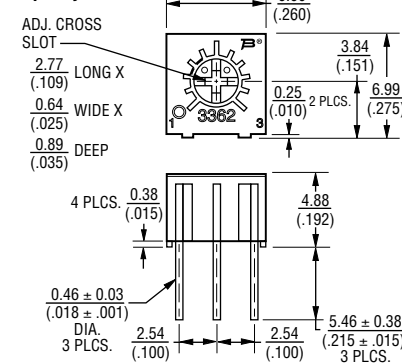
www.P65Warnings.ca.gov

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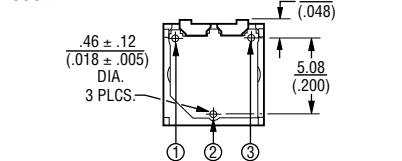
Product Dimensions

Common Dimensions

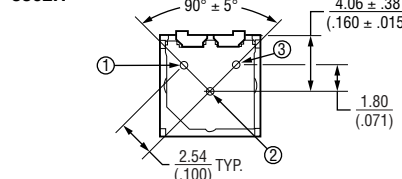
Top Adjust



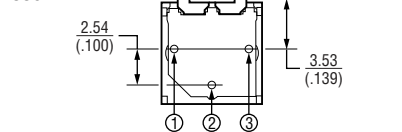
3362F



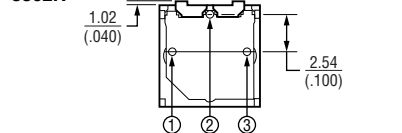
3362H



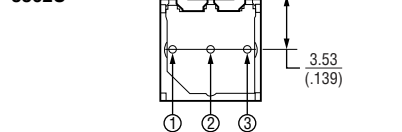
3362P



3362R

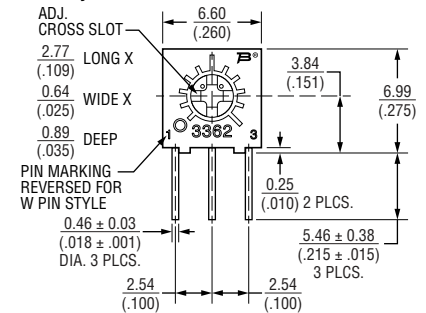


3362U

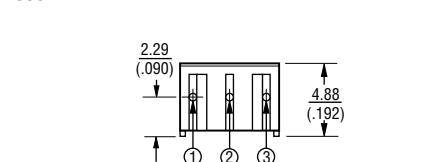


Common Dimensions

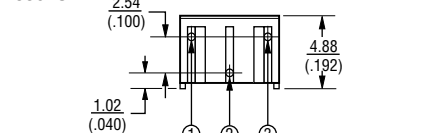
Side Adjust



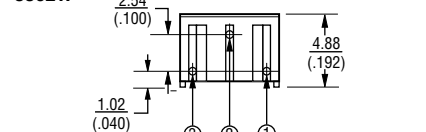
3362M



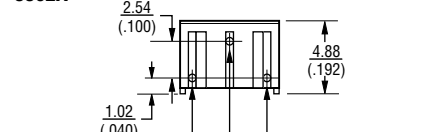
3362S



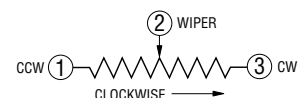
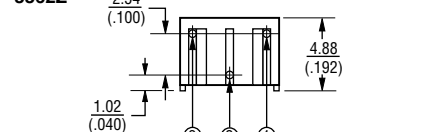
3362W



3362X



3362Z



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

TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

*RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Timpot" is a trademark of Bourns, Inc.

3362 – 1/4 " Square Trimpot® Trimming Potentiometer

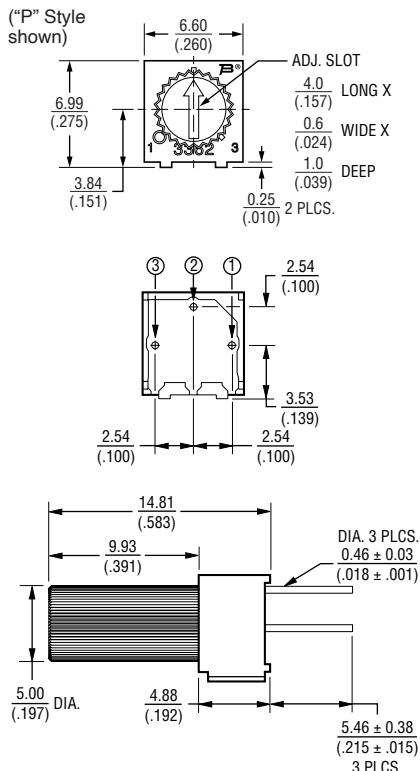
BOURNS®

Physical Characteristics

Mechanical Angle 270 ° nom.
Torque..... 3.0 oz-in. max.
Stop Strength..... 7.0 oz-in. min.
Terminals Solderable pins
Weight 0.02 oz.
Marking..... Resistance code,
terminal numbers, manufacturer's
model number, style
and date code
Wiper 50 % (Actual TR) ±10 %
Flammability U.L. 94V-0
Standard Packaging 50 pcs. per tube
Adjustment Tool H-90
Storage Condition
..... 40 °C max. / 70 % R.H. max.

Product Dimensions

Top adjust models 3362F, H, P, R and U are available with a knob for finger adjustment. Add suffix letter "T" to order code.

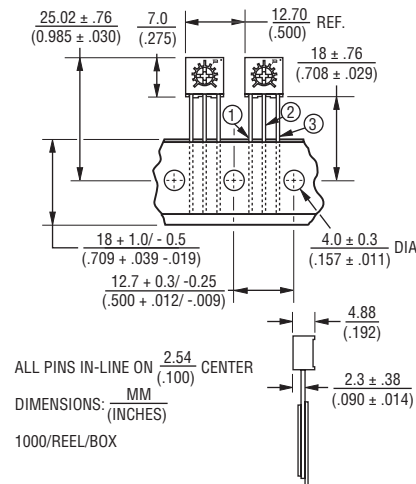


DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

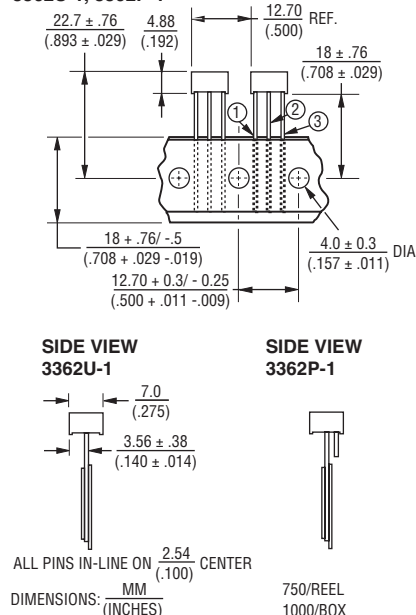
TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

Packaging Specifications

SIDE ADJUST 3362M-1



TOP ADJUST 3362U-1, 3362P-1



Meets EIA Specification 468.

REV. 03/25

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How To Order

3362 P - 1 - 502 T LF

Model _____
Style _____
Standard or Modified _____
Product Indicator _____
-1 = Standard Product
Resistance Code _____
Optional Suffix Letter _____
T = Knob*
Packaging Designator _____
Blank = Tube (Standard)
R = Tape and Reel
A = Ammo Pack
(M, U and P Pin Styles Only)
(M, U and P Pin Styles Only)

Tape and reel material meets Antistatic ANSI/ESD 5541-2003 packaging standards.

Terminations
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated (Standard)

*Knob option is available only in standard Tube packaging for terminal styles F, H, P, R and U.
Consult factory for other available options.

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
2,000,000	205

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

BOURNS®

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Email: americus@bourns.com

Mexico: Tel: +52-614-478-0400

Email: mexicus@bourns.com

Asia: Tel: +886-2-2562-4117

Email: asiacus@bourns.com

EMEA: Tel: +36 88 885 877

Email: euocus@bourns.com

www.bourns.com

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