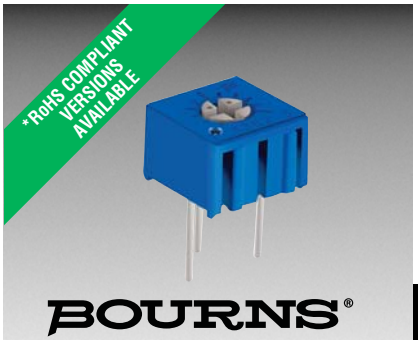


Features

- 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 Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....20 ohms to 2 megohms
(see standard resistance table)
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

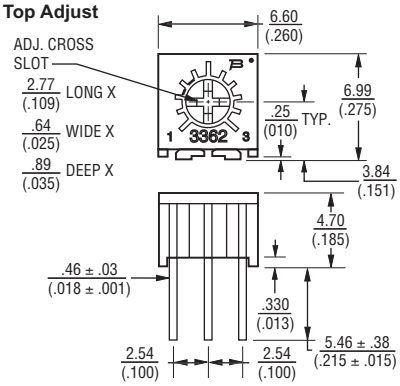
Power Rating (300 volts max.)
70 °C .....0.50 watt
125 °C .....0 watt
Temperature Range ... -55 °C to +125 °C
Temperature Coefficient ... ±100 ppm/°C
Seal Test .....85 °C Fluorinert†
Humidity .....MIL-STD-202 Method 103
96 hours
(2 % ΔTR; 10 Megohms IR)
Vibration ..... 30 G (1 % ΔTR; 1 % ΔVR)
Shock ..... 100 G (1 % ΔTR; 1 % ΔVR)
Load Life..1,000 hours 0.5 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)

Physical Characteristics

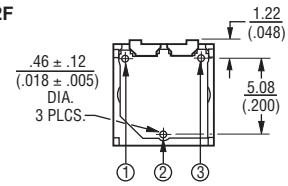
Mechanical Angle ..... 270 ° nom.
Torque..... 3.0 oz-in. max.
Stop Strength ..... 7.0 oz -in. min.
Terminals ..... Solderable pins
Weight ..... 0.02 oz.
Marking..... Resistance code,
terminal numbers, manufacturer's
model number, style
and date code
Wiper ..... 50 % (Actual TR) ±10 %
Flammability .....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

Product Dimensions

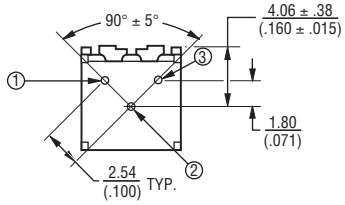
Common Dimensions
Top Adjust



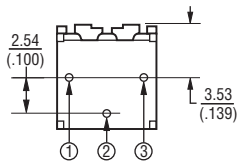
3362F



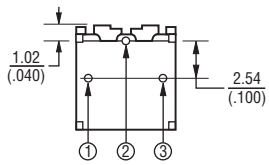
3362H



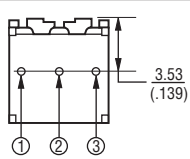
3362P



3362R



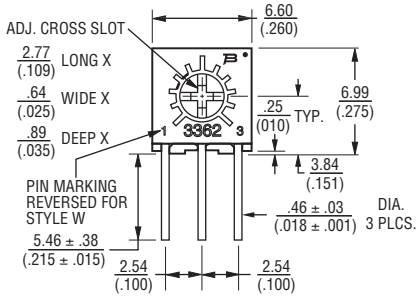
3362U



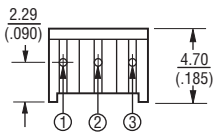
DIMENSIONS: MM / (INCHES)

TOLERANCES: ± 0.25 / (.010) EXCEPT WHERE NOTED

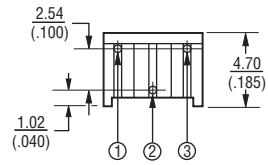
Common Dimensions
Side Adjust



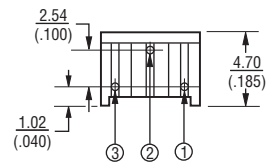
3362M



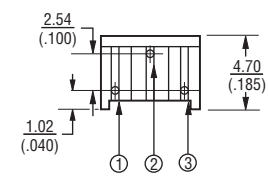
3362S



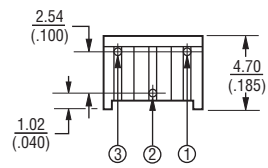
3362W

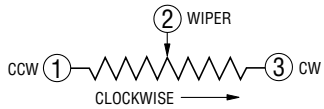


3362X



3362Z





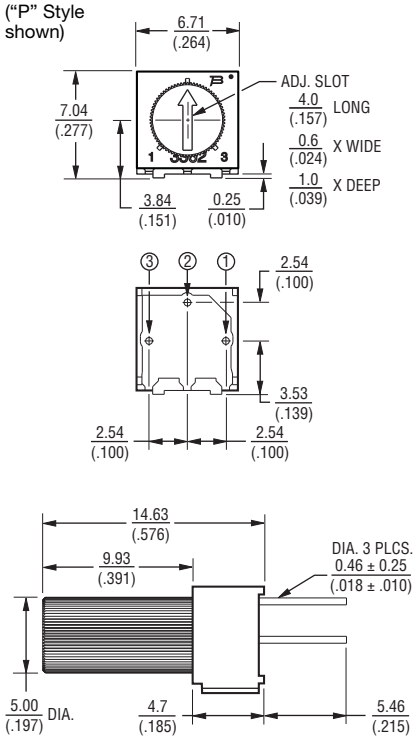
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
†“Fluorinert” is a registered trademark of 3M Co.
Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

3362 - 1/4 ” Square Trimpot® Trimming Potentiometer

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.

(“P” Style shown)

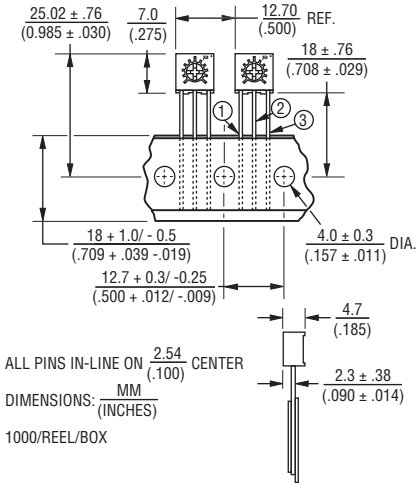


DIMENSIONS: MM / (INCHES)

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

Packaging Specifications

SIDE ADJUST
3362M-1

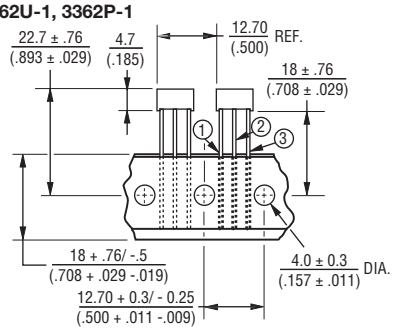


ALL PINS IN-LINE ON 2.54 (.100) CENTER

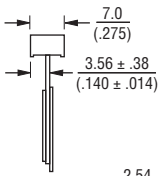
DIMENSIONS: MM / (INCHES)

1000/REEL/BOX

TOP ADJUST
3362U-1, 3362P-1



SIDE VIEW
3362U-1



SIDE VIEW
3362P-1



ALL PINS IN-LINE ON 2.54 (.100) CENTER

DIMENSIONS: MM / (INCHES)

750/REEL
1000/BOX

Meets EIA Specification 468.

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 (M, U and P Pin Styles Only)
A = Ammo Pack (M, U and P Pin Styles Only)

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
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.

REV. 04/14

“Trimpot” is a registered trademark of Bourns, Inc.
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