



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	10 to 2 megohms
	(see standard resistance table)
Resistance Tolerance	±10 % std.
	(tighter tolerance available)
Absolute Minimum Resistance	1 % or 2 ohms
	(whichever is greater)
Contact Resistance Variation	1 % or 3 ohms max.
	(whichever is greater)
Adjustability	
Voltage	±0.05 %
Resistance	±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)

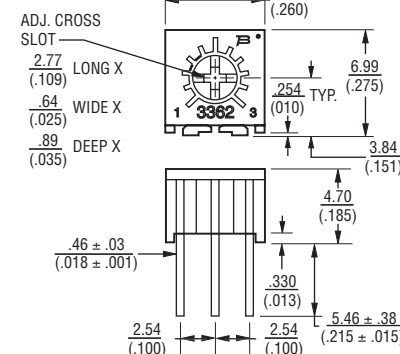
Physical Characteristics

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

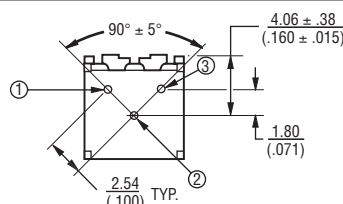
Top Adjust



3362F



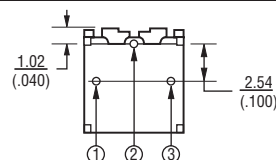
3362H



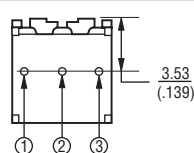
3362P



3362R

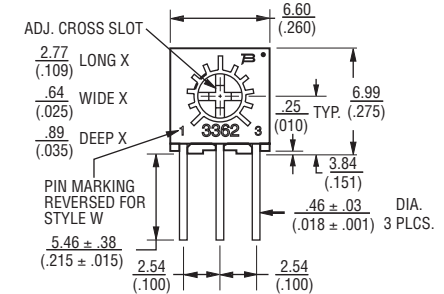


3362U

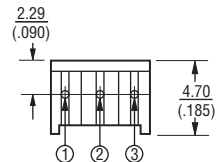


Common Dimensions

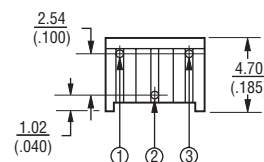
Side Adjust



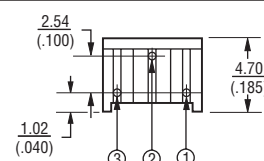
3362M



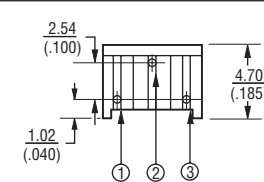
3362S



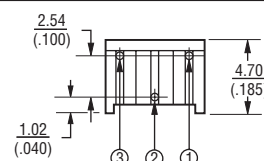
3362W



3362X



3362Z



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

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



*RoHS Directive 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.

3362 - 1/4 " Square Trimpot® Trimming Potentiometer **BOURNS®**

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.

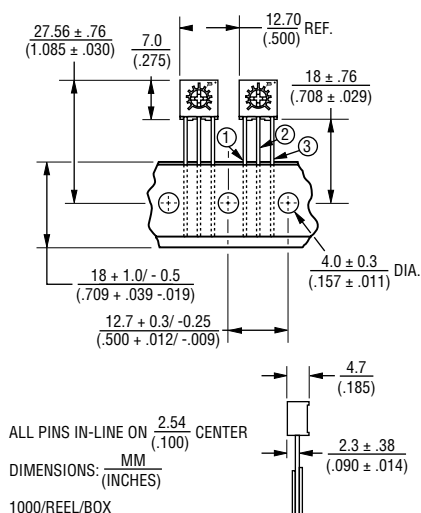


DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

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

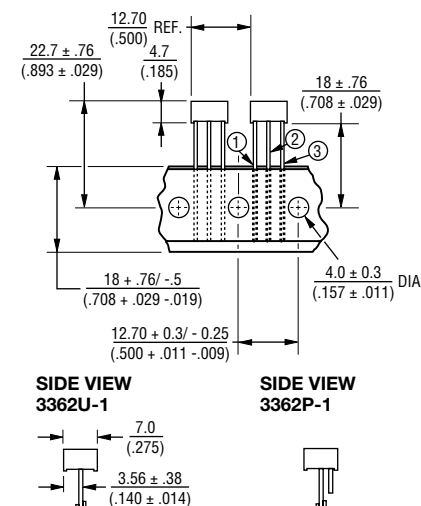
Packaging Specifications

SIDE ADJUST 3362M-1

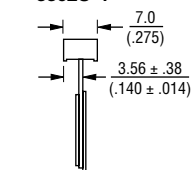


ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER
DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
1000/REEL/BOX

TOP ADJUST 3362U-1, 3362P-1



SIDE VIEW 3362U-1



SIDE VIEW 3362P-1



ALL PINS IN-LINE ON $\frac{2.54}{(.100)}$ CENTER
DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
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
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.

REV. 08/26/10

"Trimpot" is a registered trademark of Bourns, Inc.
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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