



THE DATASHEET OF
3362S-1-103





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

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 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)



WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

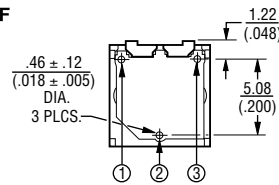
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Product Dimensions

Common Dimensions Top Adjust



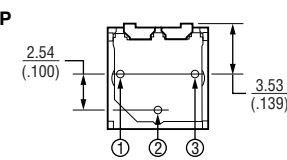
3362F



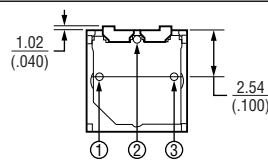
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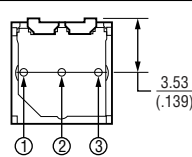
3362P



3362R



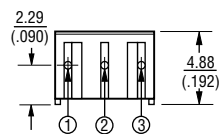
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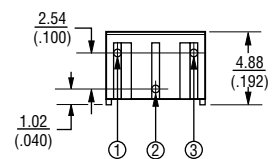
Common Dimensions Side Adjust



3362M



3362S



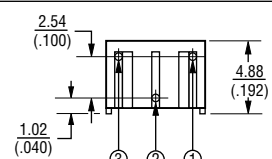
3362W



3362X



3362Z



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
TOLERANCES: ± $\frac{0.25}{(0.010)}$ EXCEPT WHERE NOTED

*RoHS Directive 2015/863, Mar. 31, 2015 and Annex
†"Fluorinert" is a registered trademark of 3M Co.
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