



Features

- Single-Turn / Carbon / Commercial Open Frame
- Cross slot rotor design suitable for automatic adjustment equipment
- Board retention features
- Enclosed cover
- PC board stand-offs
- Adjustable front / back, top / bottom
- RoHS compliant*

3318 - 6 mm Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 100 Ω to 1 M Ω
 (see standard resistance table)
 Resistance Tolerance $\pm 20\%$
 Contact Resistance Variation 10 % max.
 Resolution Infinite
 Adjustment Angle $210^\circ \pm 15^\circ$

Environmental Characteristics

Power Rating 0.1 watt
 Temperature Range -10°C to $+70^\circ\text{C}$
 Temperature Coefficient $\pm 1,000$ PPM/ $^\circ\text{C}$
 Load Life 240 hours @ 50°C ($+20/-5\%$ ΔTR)

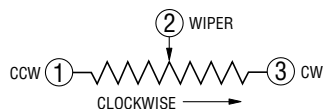
Physical Characteristics

Torque (Operating) 20~250 gf-cm
 Stop Strength
 Knob Side 800 gf-cm
 Reverse Side 350 gf-cm
 Terminals Solderable pins
 Marking Resistance code
 Standard Packaging 500 pcs. per bag

How to Order

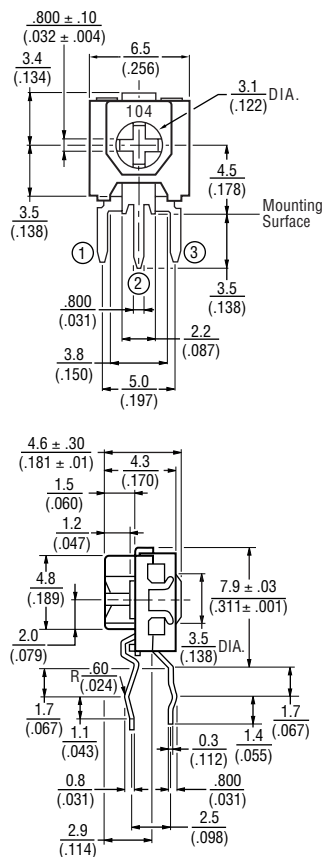
3318 P - 1 - 103 A

Model _____
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 Resistance Code _____
 Ammo Pak Designator (G, S & B only) _____

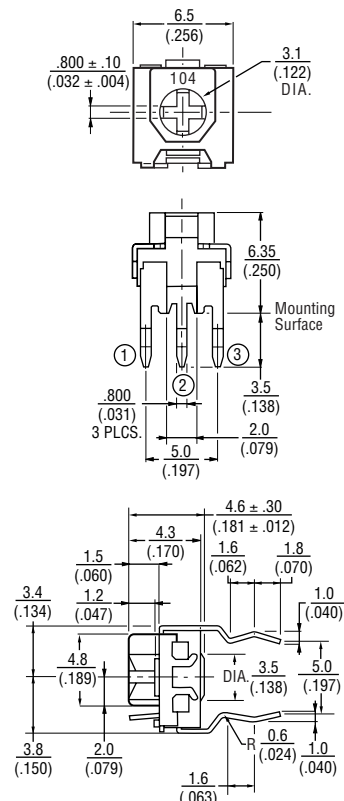


Product Dimensions

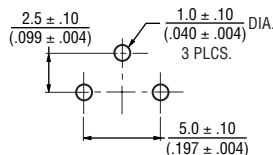
Model 3318S



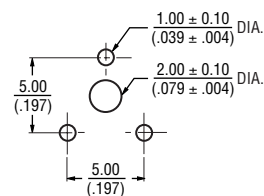
Model 3318P



Recommended PCB Layout



Recommended PCB Layout



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

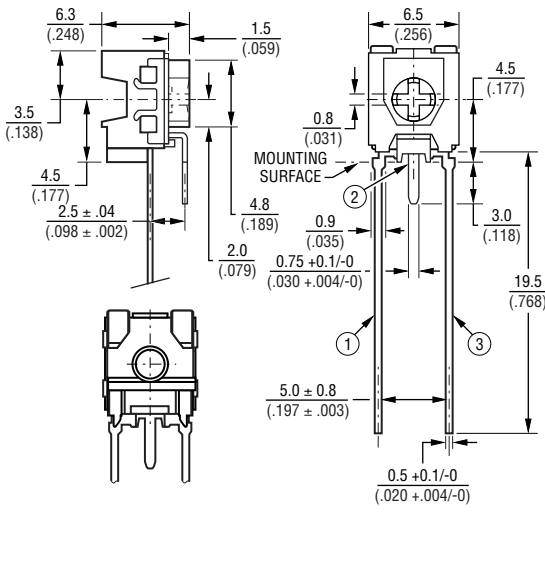
DIMENSIONS ARE: $\frac{\text{MM}}{(\text{INCHES})}$

3318 - 6 mm Square Trimming Potentiometer

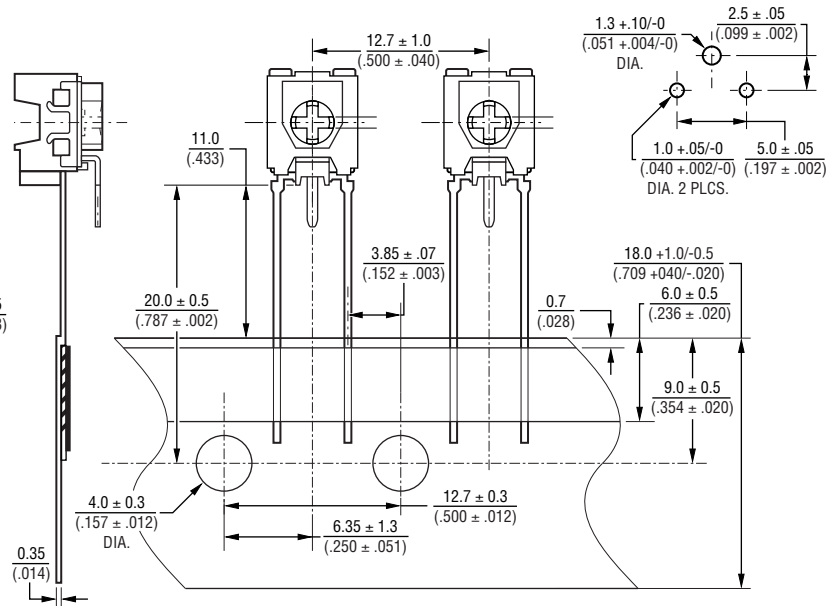
BOURNS®

Packaging Specifications

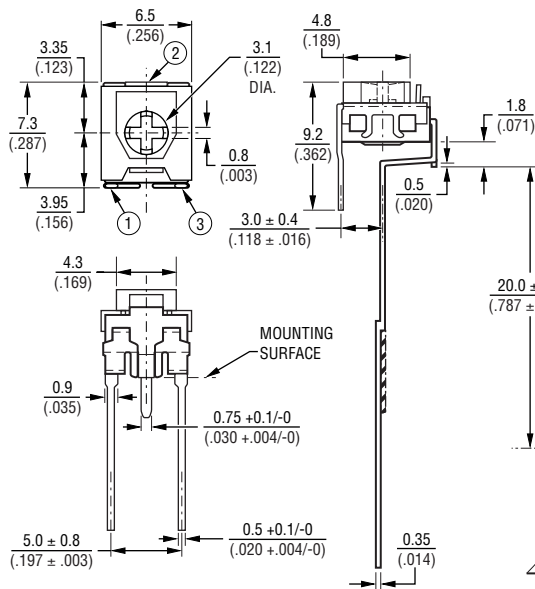
Ammo Pack Model 3318S



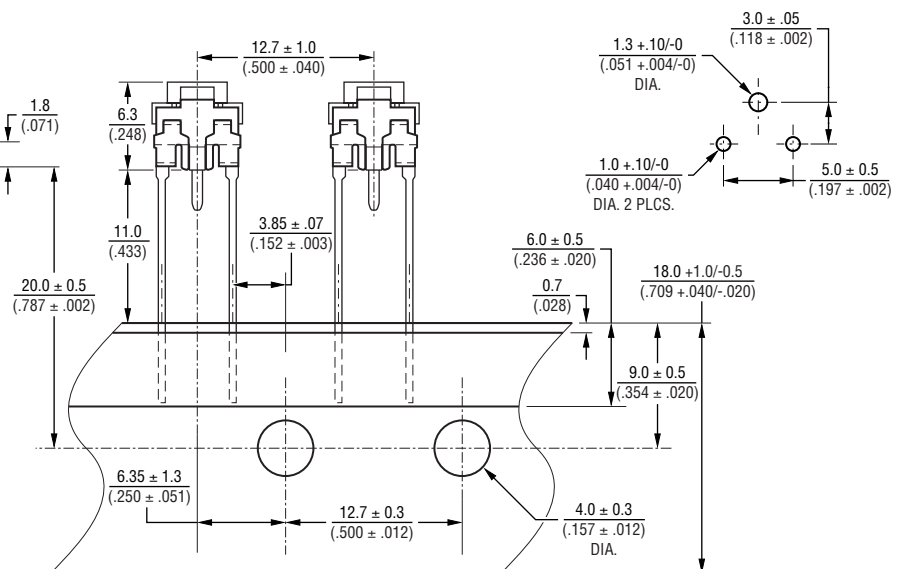
Recommended PCB Layout



Ammo Pack Model 3318G



Recommended PCB Layout



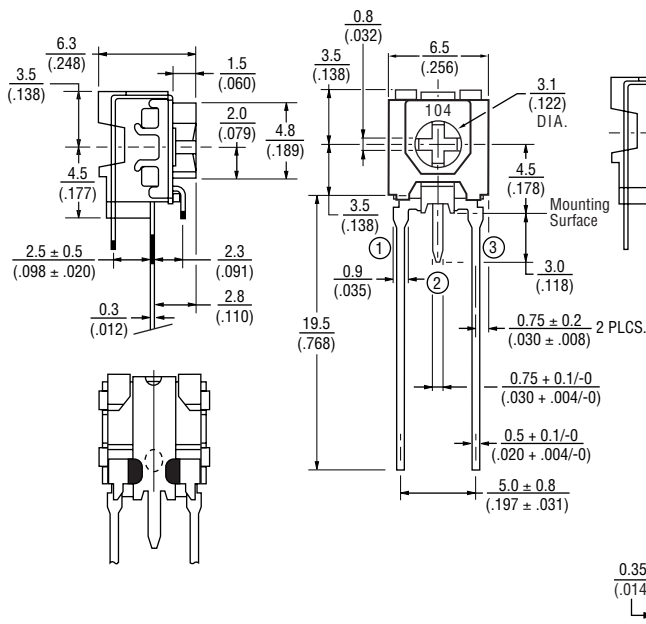
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

3318 - 6 mm Square Trimming Potentiometer

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Packaging Specifications

Ammo Pack Model 3318B



Recommended PCB Layout

