

Features

- SMD Single-Turn / Cermet / Industrial Open Frame
- Cross slot rotor designs suitable for automatic adjustment equipment
- Supplied in 12 mm embossed tape, compatible with automatic pick-and-place assembly equipment
- Recommended for reflow solder processing only
- RoHS compliant* - see [processing information](#) on lead free surface mount trimmers
- For trimmer applications/processing guidelines, [click here](#)

3364 - 4 mm Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....100 ohms to 1 megohm
(see standard resistance table)
Resistance Tolerance $\pm 25\%$ std.
End Resistance
 <1K.....20 ohms max.
 >1K.....2 %
Contact Resistance Variation
(Voltage Divider) 5 % max.
Resolution Infinite
Adjustment Angle $260^\circ \pm 20^\circ$

Environmental Characteristics

Power Rating (50 volts max.)
 70 °C 0.2 watt
Temperature Range ... -40 °C to +100 °C
Temperature Coefficient ... ± 250 ppm/°C
Humidity 500 hours (5 % Δ TR)
Load Life.....500 hours
 0.2 watt @ 70 °C (5 % Δ TR)
Rotational Life 20 cycles (15% Δ TR)

Physical Characteristics

Torque.....20 to 200 g-cm
Mechanical Angle Continuous
Marking..... Resistance code,
 manufacturer's full part number
 and date code on packaging
Terminals Solder coated
Standard Packaging... 1000 pcs./7 " reel
Adjustment Tool..... H-90

Aqueous cleaning not recommended.
Reflow solder processing recommended

How To Order

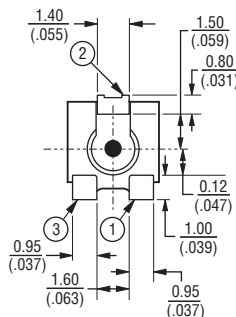
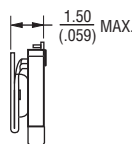
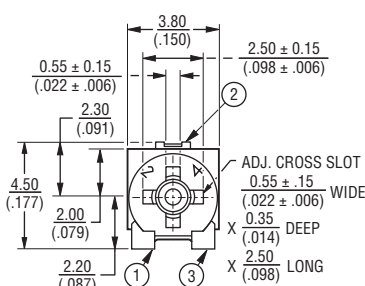
3364 X - 1 - 103 E

Model _____
Style _____
Orientation of parts in tape:
 Styles W,A
 Terminals toward sprocket holes
 Styles X,B
 Terminals away from sprocket
 holes
Standard Product _____
Resistance Code _____
Embossed Tape Designator _____
 E = 1000 pcs./7 " reel (-1 standard)

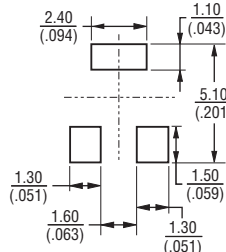
Consult factory for other available options.

Product Dimensions

Common Dimensions
3364W, X
3-Terminal

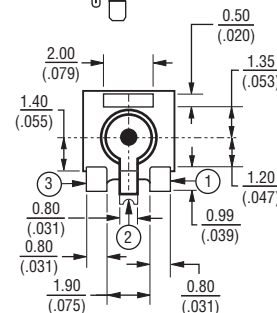
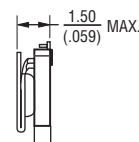
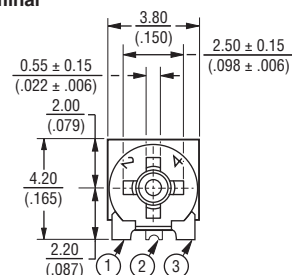


SUGGESTED PWB LAYOUT

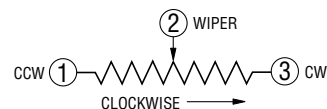
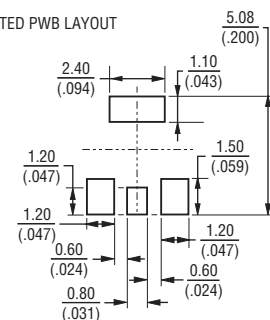


DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

3364A, B
3-Terminal



SUGGESTED PWB LAYOUT



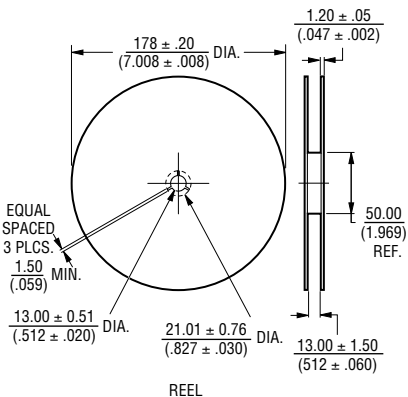
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

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.

BOURNS®

Standard Resistance Table



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

Popular distribution resistance values listed in boldface.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[3364W-1-502E](#) [3364A-1-502E](#) [3364W-1-502G](#) [3364B-1-502E](#) [3364W-1-503E](#) [3364B-1-501E](#) [3364B-1-503E](#)
[3364A-1-503E](#) [3364W-1-504E](#) [3364X-1-504E](#) [3364B-1-504E](#) [3364A-1-501E](#) [3364A-1-504E](#) [3364W-1-501E](#) [3364X-](#)
[1-503G](#) [3364X-1-501E](#) [3364X-1-503E](#) [3364X-1-502E](#) [3364X-1-203E](#) [3364B-1-203E](#) [3364A-1-203E](#) [3364C-1-203E](#)
[3364W-1-203E](#) [3364A-1-203G](#) [3364W-1-201E](#) [3364A-1-201E](#) [3364B-1-202E](#) [3364X-1-202E](#) [3364W-1-204E](#) [3364X-](#)
[1-201E](#) [3364A-1-202E](#) [3364X-1-204E](#) [3364B-1-204E](#) [3364B-1-201E](#) [3364A-1-204E](#) [3364W-1-202E](#) [3364W-1-221E](#)
[3364W-1-331E](#) [3364X-1-221E](#) [3364W-1-253E](#) [3364X-1-253E](#) [3364W-1-104E](#) [3364W-1-102E](#) [3364W-1-105E](#)
[3364W-1-103E](#) [3364X-1-101E](#) [3364X-1-103E](#) [3364X-1-104E](#) [3364X-1-102E](#) [3364A-1-104E](#) [3364X-1-105E](#) [3364A-](#)
[1-102E](#) [3364W-1-101E](#) [3364W-1-102G](#) [3364A-1-101E](#) [3364A-1-103E](#) [3364B-1-102E](#) [3364A-1-103G](#) [3364A-1-105E](#)
[3364B-1-103E](#) [3364B-1-101E](#) [3364B-1-104E](#) [3364B-1-105E](#)