



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



This series is currently available but not recommended for new designs.

3364 - 4 mm Square Timpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range100 ohms to 1 megohm
 (see standard resistance table)
 Resistance Tolerance ±25 % std.
 End Resistance
 <1K..... 20 ohms max.
 >1K..... 2 %
 Contact Resistance Variation
 (Voltage Divider) 5 % max.
 Resolution Infinite
 Adjustment Angle 260 °±20 °

Environmental Characteristics

Power Rating (50 volts max.)
 70 °C 0.2 watt
 Temperature Range ... -40 °C to +100 °C
 Temperature Coefficient ... ±250 ppm/°C
 Humidity500 hours (5 % ΔTR)
 Load Life.....500 hours
 0.2 watt @ 70 °C (5 % ΔTR)
 Rotational Life 20 cycles (15% ΔTR)

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

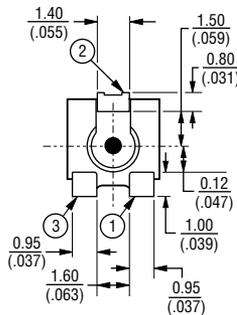
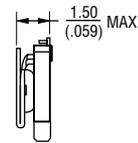
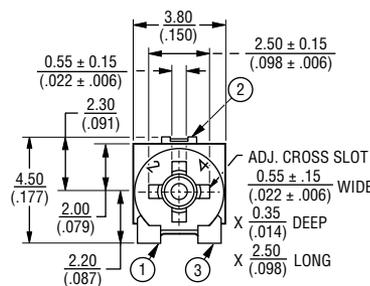
3364 X - 1 - 103 E

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)

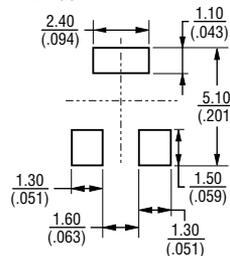
Consult factory for other available options.
 Tape and reel material meets Antistatic ANSI/
 ESD 5541-2003 packaging standards.

Product Dimensions

Common Dimensions
 3364W, X
 3-Terminal

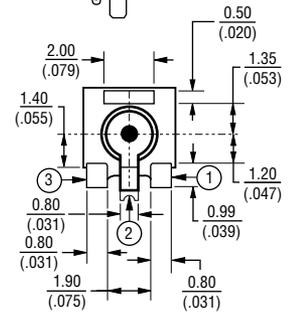
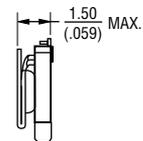
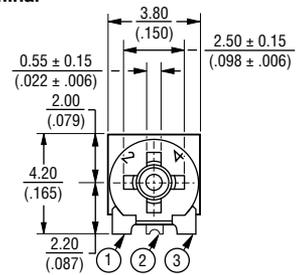


SUGGESTED PWB LAYOUT

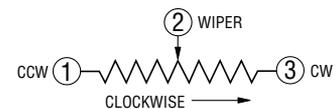
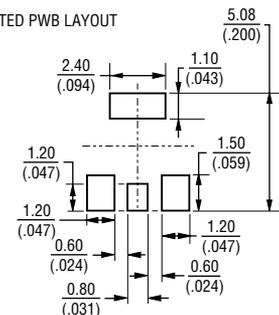


DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
 TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

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.

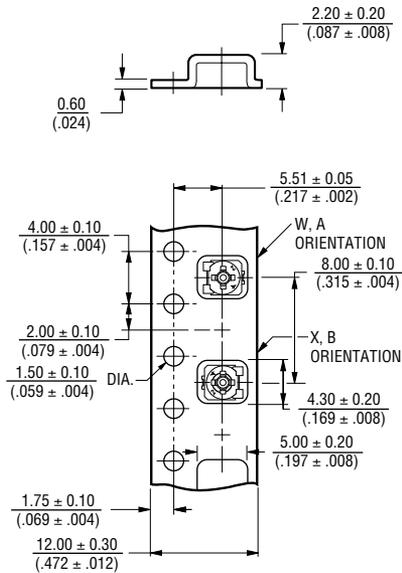
Features (Continued)

- Recommended for reflow solder processing only
- RoHS compliant* - see [processing information](#) on lead free surface mount trimmers
- For trimmer applications/processing guidelines, [click here](#)

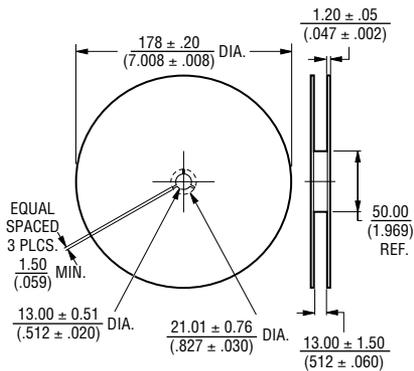
3364 - 4 mm Square Trimpot® Trimming Potentiometer

BOURNS®

Packaging Specifications



TAPE



REEL

Conforms with EIA specification RS-481.

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

Standard Resistance Table

| Resistance (Ohms) | Resistance Code | Part Marking |
|-------------------|-----------------|--------------|
| 100 | 101 | 12 |
| 200 | 201 | 22 |
| 500 | 501 | 52 |
| 1,000 | 102 | 13 |
| 2,000 | 202 | 23 |
| 5,000 | 502 | 53 |
| 10,000 | 103 | 14 |
| 20,000 | 203 | 24 |
| 50,000 | 503 | 54 |
| 100,000 | 104 | 15 |
| 200,000 | 204 | 25 |
| 500,000 | 504 | 55 |
| 1,000,000 | 105 | 16 |

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](#) [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-1-501E](#) [3364X-](#)
[1-503E](#) [3364X-1-502E](#) [3364X-1-203E](#) [3364B-1-203E](#) [3364A-1-203E](#) [3364C-1-203E](#) [3364W-1-203E](#) [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-](#)
[104E](#) [3364W-1-102E](#) [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](#) [3364A-1-101E](#) [3364A-1-103E](#) [3364B-1-102E](#) [3364A-1-105E](#) [3364B-](#)
[1-103E](#) [3364B-1-101E](#) [3364B-1-104E](#) [3364B-1-105E](#)