EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.



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

3364 - 4 mm Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....100 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
Humidity.....500 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
Reflow solder processing recommended

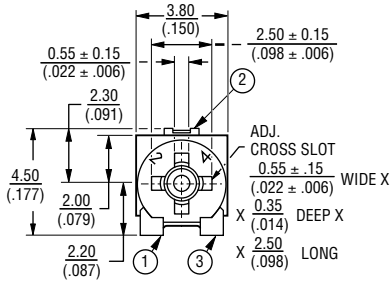
How To Order

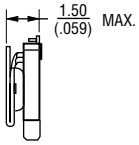
3364 X - 1 - 103 E

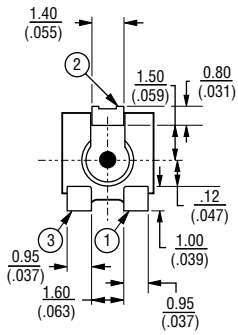
Model
Style
Orientation of parts in tape:
Styles W,A
Terminals toward sprocket holes
Styles X,B
Terminals away from sprocket holes
Standard Product
Resistance Code
Embossed Tape Designator
E = 1000 pcs./7 " reel (-1 standard)
G = 5000 pcs./14.5 " reel (-1 optional)

Consult factory for other available options.

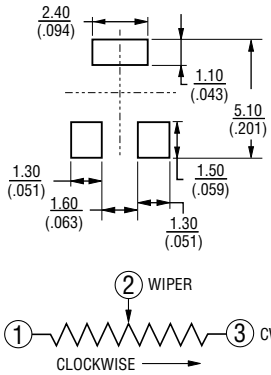
Common Dimensions
3364W, X
3-Terminal



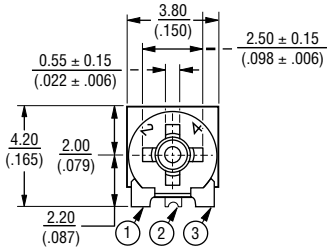


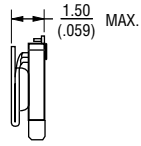


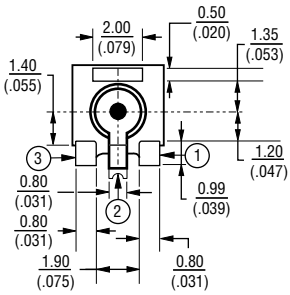
SUGGESTED PWB LAYOUT



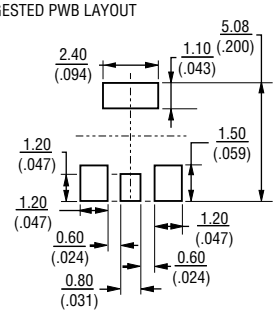
3364A, B
3-Terminal







SUGGESTED PWB LAYOUT

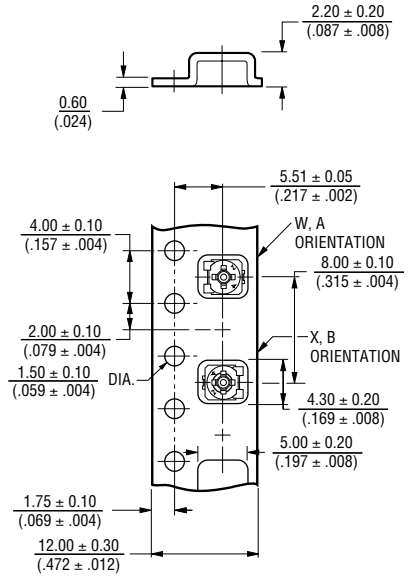


TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

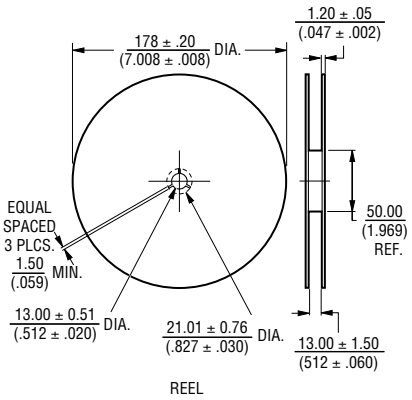
DIMENSIONS ARE: MM / (INCHES)

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Packaging Specifications



TAPE



REEL

Conforms with EIA specification RS-481.

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.

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