



## Features

- SMD Single-Turn / Cermet / Industrial Open Frame
- Cross slot rotor designs suitable for automatic adjustment equipment
- Supplied in 12mm embossed tape, compatible with automatic pick-and-place assembly equipment

- Recommended for reflow solder processing only

# 3364 - 4mm 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 +125°C  
Temperature Coefficient  
.....±250ppm/°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

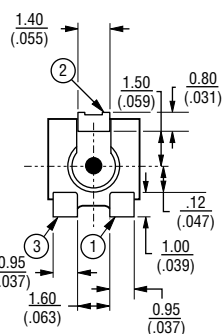
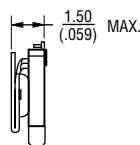
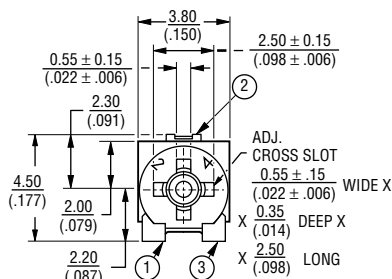
Torque .....20 to 200g-cm  
Mechanical Angle .....Continuous  
Marking .....Resistance code,  
manufacturer's full part number  
and date code on packaging  
Terminals .....Solder coated  
Standard Packaging  
.....1000 pcs./7" reel  
Adjustment Tool .....H-90  
Reflow solder processing recommended

## How To Order

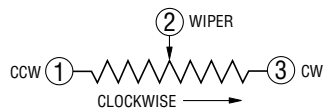
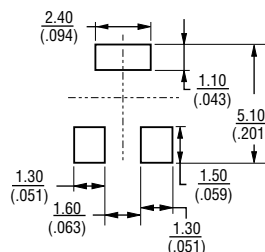
**3364 X - 1 - 103 E**

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



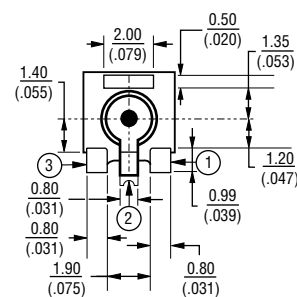
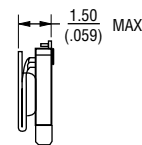
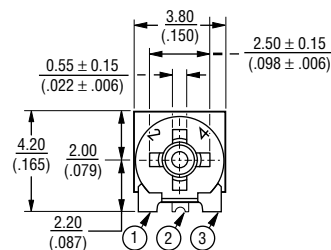
SUGGESTED PWB LAYOUT



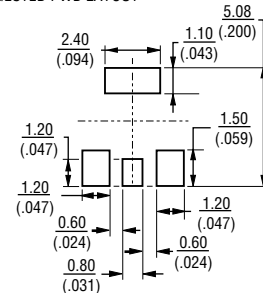
TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: METRIC  
(INCHES)

3364A, B  
3-Terminal

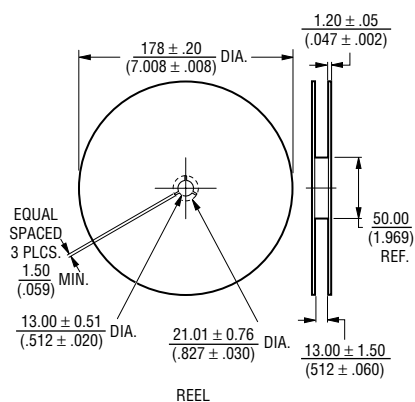


SUGGESTED PWB LAYOUT



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### Standard Resistance Table



Popular values listed in boldface. Special resistances available.

Conforms with EIA specification RS-481.