Features

- Recommended for reflow soldering
- Low profile
- Long operational life
- Bottom and top adjust

TC88 - 10 mm SMD Position Sensor

Electrical Characteristics

Standard Resistance .....10K ohms
Resistance Tolerance .....±30 % std.
Linearity .....±2.5 % max.
Resolution.....Essentially infinite
Adjustment Angle.....320 ° ±20 °

Environmental Characteristics

Power Rating (5 VDC max.)
50 °C .....0.05 watt
Operating Temperature
.....-40 °C to +85 °C
Storage Temperature
.....-40 °C to +85 °C
Rotational Cycling.....100,000 cycles
TRS ±15 %

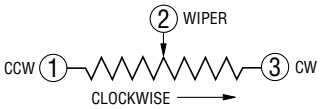
Physical Characteristics

Torque.....0.30 gf-cm
Mechanical Angle .....360 °
Standard Packaging
.....1500 pcs./15 " reel

How To Order

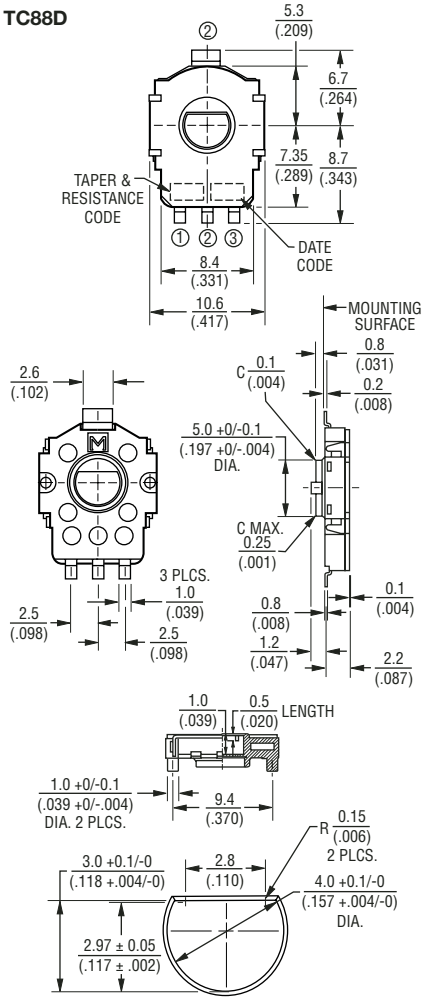
TC88 D - 1 - 103 E

Model
Style
Standard Product Indicator
-1 = Standard Product Indicator
Resistance Code
Embossed Tape Designator
E = 1500 pcs./15 " Reel (Standard)

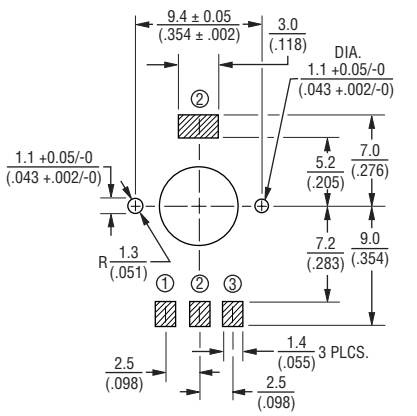


Product Dimensions

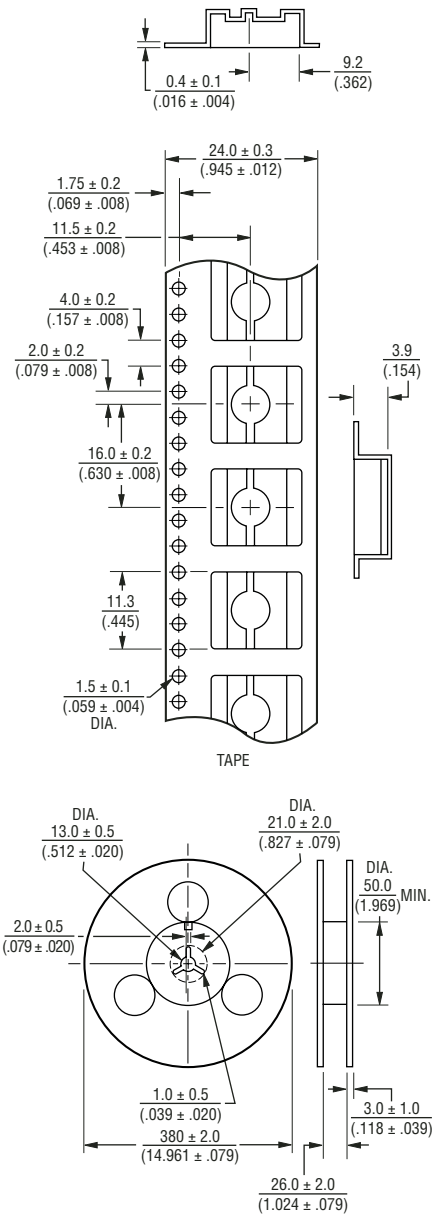
TC88D



Recommended Land Pattern



Packaging Specifications



TOLERANCES: ± 0.3 (.010) EXCEPT WHERE NOTED

DIMENSIONS: MM (INCHES)

Reliable Electronic Solutions

Asia-Pacific:
TEL +886-2 25624117 • FAX +886-2 25624116
Europe:
TEL +41-41 7685555 • FAX +41-41 7685510
The Americas:
TEL +1-951 781-5500 • FAX +1-951 781-5700

www.bourns.com

*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.

12/06

COPYRIGHT©2006, BOURNS, INC. LITHO IN U.S.A. e 12/06 T0636