

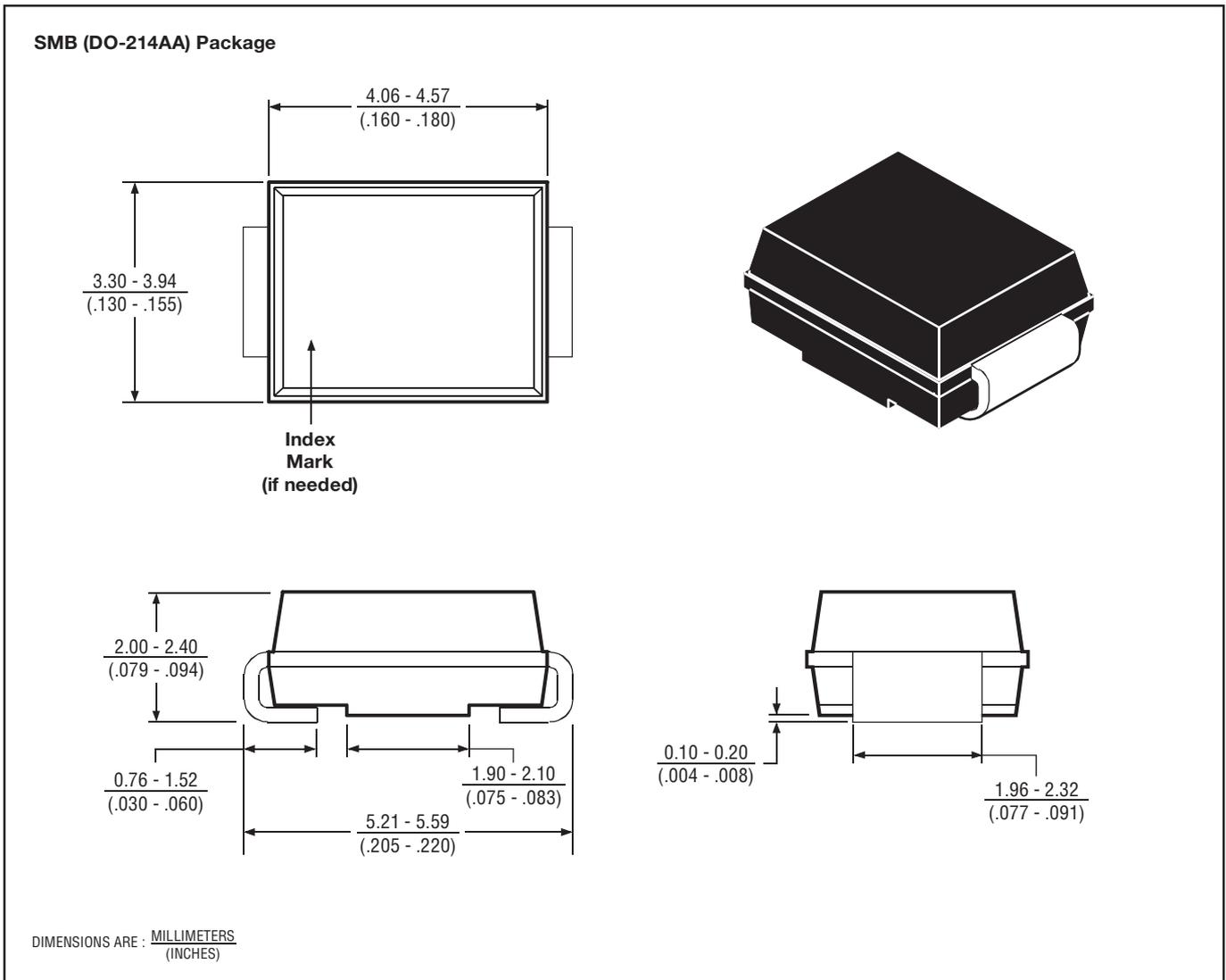


BOURNS®

SMB (DO-214AA)

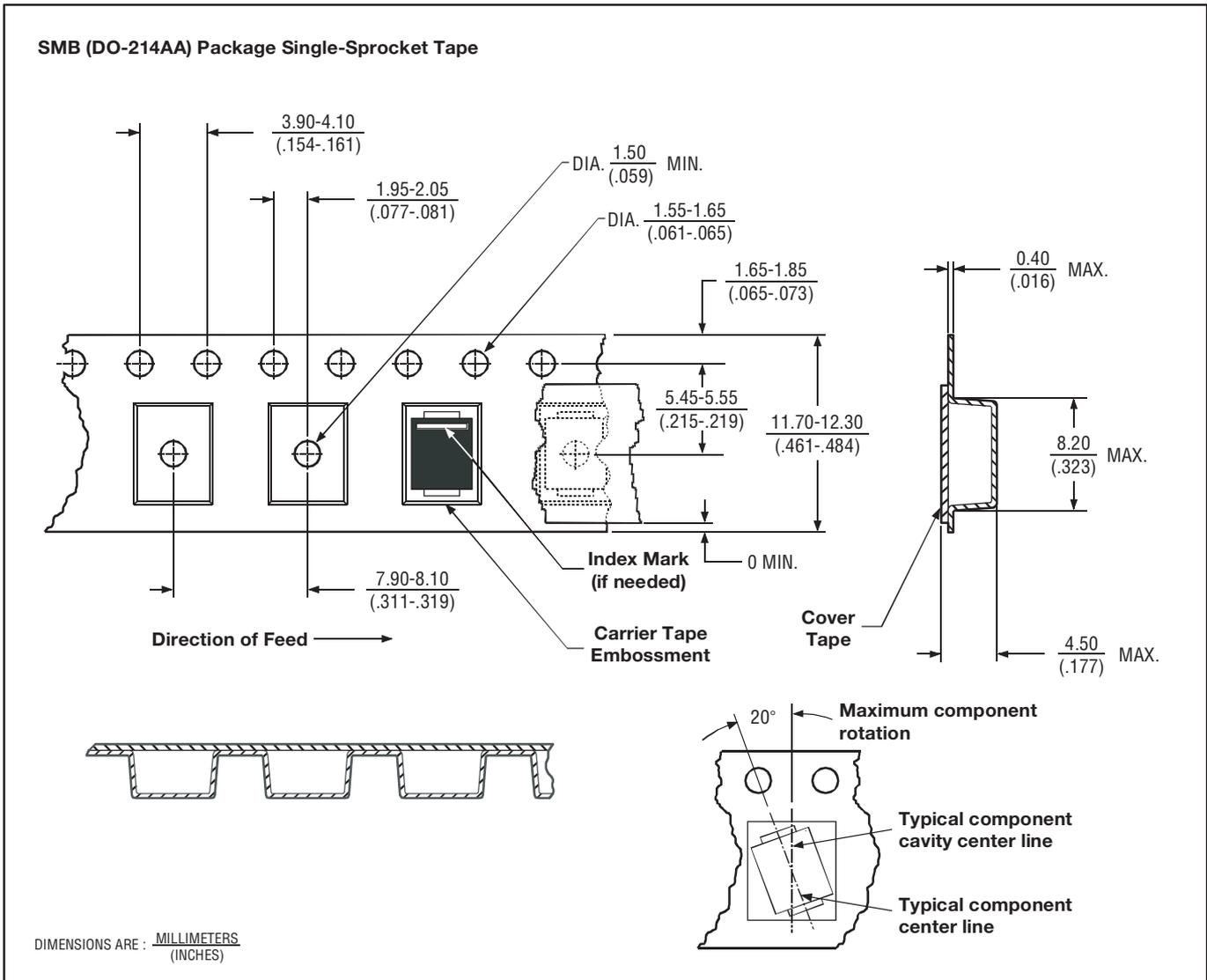
Package Outline Dimensions

This surface mount two terminal package consists of a circuit mounted on a lead frame and encapsulated within a plastic compound. The compound is designed to withstand normal soldering temperatures with no deformation and circuit performance characteristics will remain stable when operated in most high humidity conditions. Terminals require no additional cleaning or processing when used in soldered assembly.



MD-SMB-001-a

Tape Dimensions



NOTES: A. The clearance between the component and the cavity must be within 0.05 mm (.002 in) MIN. to 0.65 mm (.026 in) MAX. so that the component cannot rotate more than 20° within the determined cavity.

B. Taped devices are supplied on a reel of the following dimensions:-

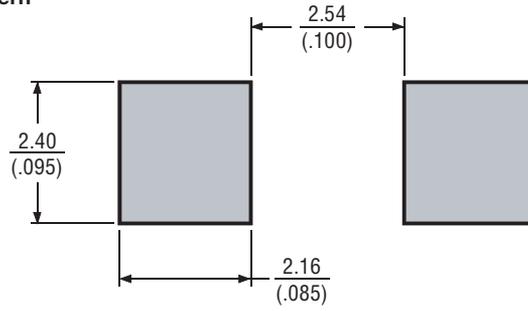
Reel diameter: 330 mm \pm 3.0 mm (12.99 in \pm .118 in)
 Reel hub diameter: 75 mm (2.95 in) MIN.
 Reel axial hole: 13.0 mm \pm 0.5 mm (.512 in \pm .020 in)

C. 3000 devices are on a reel.

MD-SMB-002-a

Recommended Printed Wiring Land Pattern Dimensions

SMB (DO-214AA) Land Pattern



DIMENSIONS ARE: $\frac{\text{MILLIMETERS}}{\text{(INCHES)}}$

MD-SMB-003-a

Bourns Sales Offices

| Region | Phone | Fax |
|---------------|------------------|--|
| The Americas: | +1-909-781-5500 | +1-909-781-5700 |
| | +1-951-781-5500 | +1-951-781-5700 <i>(after 7/17/04)</i> |
| Europe: | +41(0)41-7685555 | +41(0)41-7685510 |
| Asia-Pacific: | +886-2-25624117 | +886-2-25624116 |

Technical Assistance

| Region | Phone | Fax |
|---------------|------------------|--|
| The Americas: | +1-909-781-5500 | +1-909-781-5700 |
| | +1-951-781-5500 | +1-951-781-5700 <i>(after 7/17/04)</i> |
| Europe: | +41(0)41-7685555 | +41(0)41-7685510 |
| Asia-Pacific: | +886-2-25624117 | +886-2-25624116 |

www.bourns.com

Bourns® products are available through an extensive network of manufacturer's representatives, agents and distributors. To obtain technical applications assistance, a quotation, or to place an order, contact a Bourns representative in your area.



Reliable Electronic Solutions

"Bourns" is a registered trademark of Bourns, Inc. in the U.S. and other countries.

COPYRIGHT© 2004, BOURNS, INC. LITHO IN U.S.A. e 04/04/TSP0324