

Features

- Single-turn cermet/open-frame
- 2 mm size meets EIA/EIAJ standard trimmer footprint
- RoHS compliant* see processing information on RoHS compliant surface mount trimmers
- For trimmer applications/processing guidelines, click here

TC42 - 2 mm SMD Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range

- **Environmental Characteristics**

Power Rating (50 VDC max.)

Physical Characteristics

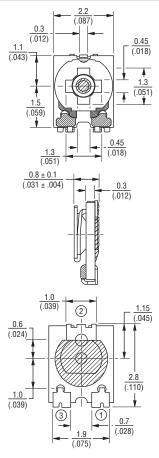
- (1) Use an adjustment tool with the following recommended measurements:
 - 1.2 mm (.047 in.) blade slot
 - 0.2 mm (.008 in.) slot width

The recommended adjustment tool size is not available from Bourns. Please contact a Bourns representative for further information.

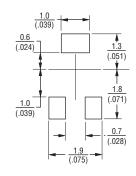
Cautions

- · Aqueous cleaning not recommended
- Flow soldering not recommended; use reflow soldering
- Model TC42 is not designed to be used with flux - use care with flux when soldering

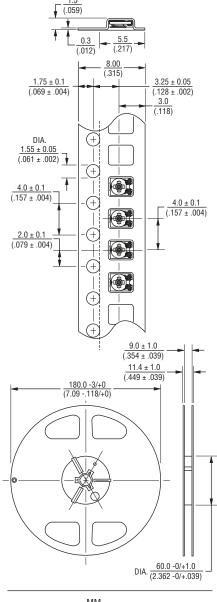
Product Dimensions

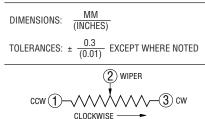


Recommended Land Pattern



Packaging Specifications







WARNING

Cancer and Reproductive Harm www.P65Warnings.ca.gov

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

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Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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TC42 - 2 mm SMD Trimpot® Trimming Potentiometer

BOURNS

How To Order TC42 X - 2 - 103 E Model Style Standard Product Indicator -2 = Cross Slot Rotor Resistance Code Embossed Tape Designator E = 3000 pcs./7 " Reel (Standard)

Tape and reel material meets Antistatic ANSI/ESD 5541-2003 packaging standards.

Standard Resistance Table

Resistance	Resistance
(Ohms)	Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105

Popular distribution values listed in boldface.

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TC42X-2-503E TC42X-2-201E TC42X-2-101E TC42X-2-204E TC42X-2-104E TC42X-2-504E TC42X-2-333E

TC42X-2-303E