

Features

- Surface Mount 3 mm Square / Multiturn Cermet / Industrial / Sealed
- Sealed to withstand standard board wash processing
- Pick and place centering design for automated placement compatibility
- Flush adjustment screw

- Meets EIA/EIAJ/IPC/VECI SMD standard trimmer footprint
- Top and side adjust
- RoHS compliant* see processing information on RoHS compliant surface mount trimmers
- For trimmer applications/processing guidelines, click here

3223 - 3 mm SMD Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range

Contact Resistance Variation

Resolution Essentially infinite Insulation Resistance500 VDC 100 megohms min.

Dielectric Strength

Sea Level......600 VAC (1 minute) Adjustment Angle......11 turns nom.

Environmental Characteristics

Power Rating (200 volts max.)

Vibration20 G TRS ± 1 %; VRS ± 1 % Shock100 G TRS ± 1 %; VRS ± 1 % Load Life

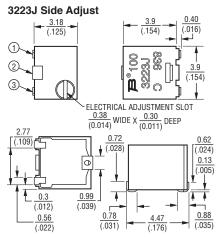
TRS ±2 %; VRS ±2 %
Moisture Sensitivity Level......2

ESD Classification2

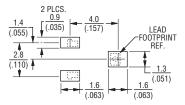
Physical Characteristics

,	
Mechanical Sto	pWiper idles
Torque	2.50 oz-in. max
Weight	Approximately 0.01 oz.
Marking	Manufacturer's code,
resista	nce code and date code
Solderability	Per MIL-STD-202,
	Method 208
Wiper	50 % (Actual TR) ±10 %
Flammability	UL94V-0
Adjustment Too	l H-92-1

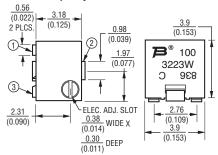
Product Dimensions



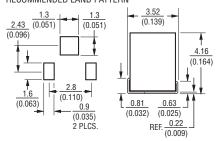
RECOMMENDED LAND PATTERN



3223W Top Adjust

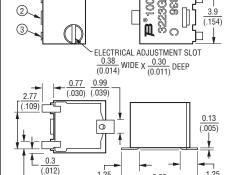


RECOMMENDED LAND PATTERN



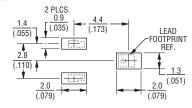
3223G Side Adjust | ← 3.18 ← |

1



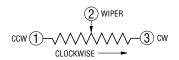
RECOMMENDED LAND PATTERN

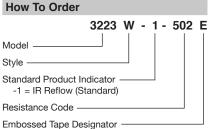
(.049)



DIMENSIONS: $\frac{MM}{(INCHES)}$

TOLERANCES: $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED





E = 500 pcs./7 " Reel (Standard)

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

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.



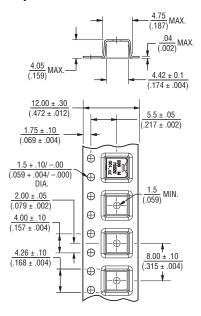
WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

^{*}RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. †"Fluorinert" is a registered trademark of 3M Co.

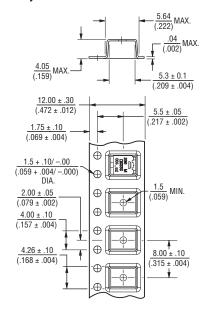
3223 - 3 mm SMD Trimpot® Trimming Potentiometer **BOURNS**®

Packaging Specifications

J Style



G Style

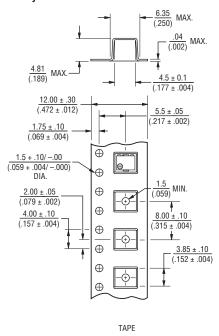


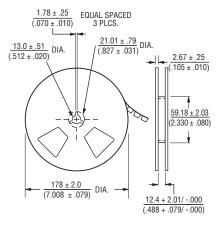
Standard Resistance Table

Resistance	Resistance
(Ohms)	Code
10	100
20	200
50	500
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
2,000,000	205

Popular values listed in boldface. Consult factory for special resistances.

W Style





REEL

Cover tape peel strength: Meets EIA specification 481.

DIMENSIONS: $\frac{MM}{(INCHES)}$

REV. 09/17

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3223W-1-101 3223W-1-103 3223W-1-502 3223W-1-104 3223W-1-500 3223W-1-504 3223W-1-202E 3223W-1203E 3223W-1-204E 3223W-1-200E 3223W-1-205E 3223W-1-201E 3223G-1-102E 3223G-1-103E 3223G-1-104E
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