

# **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 <u>processing</u> <u>information</u> on RoHS compliant surface mount trimmers
- For trimmer applications/processing guidelines, <u>click here</u>

# 3223 - 3 mm SMD Trimpot® Trimming Potentiometer

### **Electrical Characteristics**

Standard Resistance Range

Absolute Minimum Resistance

Contact Resistance Variation

Insulation Resistance ......500 VDC 100 megohms min.

Dielectric Strength

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

### **Environmental Characteristics**

Power Rating (200 volts max.)

Vibration .....20 G TRS  $\pm 1$  %; VRS  $\pm 1$  % Shock ......100 G TRS  $\pm 1$  %; VRS  $\pm 1$  % Load Life

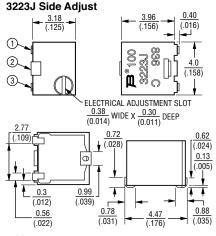
......@ 70 °C rated power 1000 hours CRV.......4 ohms or 4 % (whichever is greater) otational Cycling .......200 cycles

Rotational Cycling .......200 cycles CRV ......4 ohms or 4 % (whichever is greater)

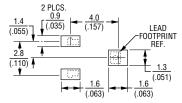
# Physical Characteristics

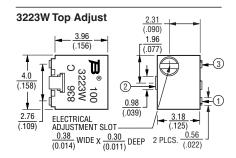
Physical Characteristics	
Mechanical Stop	Wiper idles
Torque	2.50 oz-in. max
	proximately 0.01 oz.
Marking N	/lanufacturer's code,
resistance	code and date code
Solderability	Per MIL-STD-202,
	Method 208
Wiper50 9	% (Actual TR) ±10 %
Flammability	UL94V-0
Adjustment Tool	H-92-1

# **Product Dimensions**

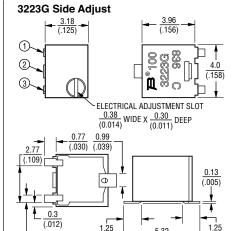


# RECOMMENDED LAND PATTERN





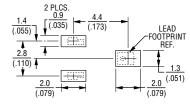
# RECOMMENDED LAND PATTERN 2.44 (.096) 1.27 (.050) REF. 0.13 (.005) 2.79 (.110) 1.27 (.050) 0.76 (.030) 2.71 (.050) 0.76 (.030) 2.71 (.039) 2.72 (.035) 2.72 (.035) 2.73 (.039) 2.74 (.039) 2.71 (.039) 2.72 (.039) 2.71 (.



## RECOMMENDED LAND PATTERN

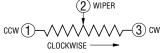
(022)

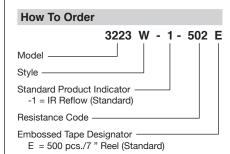
(049)



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

TOLERANCES: 0.25 EXCEPT WHERE NOTED





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



\*RoHS Directive 2015/863, Mar 31, 2015 and Annex. †"Fluorinert" is a registered trademark of 3M Co. Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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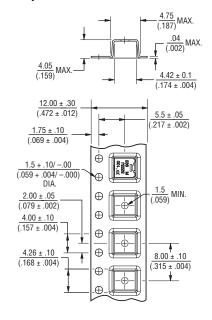
2 PLCS

# 3223 - 3 mm SMD Trimpot® Trimming Potentiometer

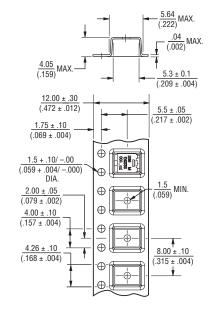
# BOURNS

# **Packaging Specifications**

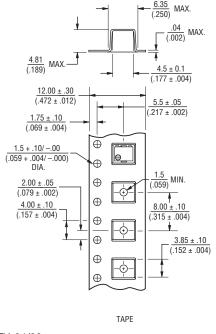
# J Style

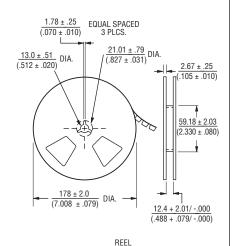


# G Style



### W Style





Cover tape peel strength: Meets EIA specification 481.

DIMENSIONS: (INCHES)

### REV. 04/20

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## **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.

<sup>&</sup>quot;Trimpot" is a registered trademark of Bourns, Inc. Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.

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