

#### **Features**

- Stable, infinite resolution cermet element
- Vertical and horizontal adjust styles
- Optional packaging on embossed tape
- Compatible with surface mount manufacturing processes
- RoHS compliant\* see <u>processing information</u> on RoHS compliant surface mount trimmers
- For trimmer applications/processing guidelines, click here

# 3269 - 1/4 " Square SMD Trimpot® Trimming Potentiometer

#### **Electrical Characteristics**

......3.0 % or 3 ohms max.

(whichever is greater)

1,000 megohms min.
Dielectric Strength

#### **Environmental Characteristics**

Power Rating (300 volts max.) 85 °C ......0.25 watt 150 °C ...... 0 watt Temperature Range ... -65 °C to +150 °C Temperature Coefficient ... ±100 ppm/°C Seal Test..85 °C Fluorinert 1/60 seconds Humidity ......MIL-STD-202 Method 106 (2 %  $\Delta$ TR; IR 100 Megohms) Vibration ...... 30 G (1 % ΔTR; 1 % ΔVR) Shock ....... 100 G (1 % ΔTR; 1 % ΔVR) Load Life .. 1,000 hours 0.25 watt @ 85 °C (3 % ΔTR; 3 % or 3 ohms whichever is greater, CRV) Rotational Life ......200 cycles (2 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)

#### **Physical Characteristics**

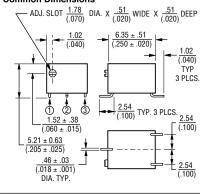
\*RoHS Directive 2015/863, Mar. 31, 2015 and Annex "Trimpot" is a trademark of Bourns, Inc.

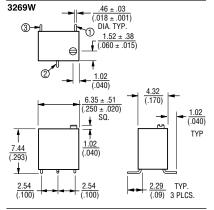
<sup>†&</sup>quot;Fluorinert" is a registered trademark of 3M Co.

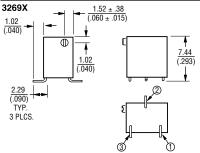


## **Product Dimensions**

#### 3269P Common Dimensions

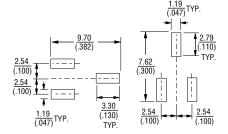


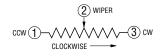




#### RECOMMENDED PCB LAYOUT - "P"

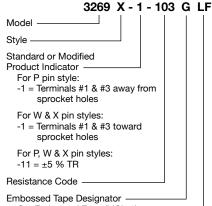
#### RECOMMENDED PCB LAYOUT - "W" & "X"





DIMENSIONS:	MM (INCHES)
OLERANCES: ± 0.25 (.010)	- EXCEPT WHERE NOTED

#### **How To Order**



G = Embossed Tape (MSL-2) "P" Style - 750 pcs./13 " reel "W, X" Style - 500 pcs./13 " reel

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

#### Terminations

LF = 100 % Tin-plated (RoHS compliant) Blank = 90 % Tin / 10 % Lead-plated (Standard)

#### **Standard Resistance Table**

Resistance (Ohms)	Resistance 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
25,000	253 503
50,000 100,000	104
200,000	204 254
250,000 500,000	504
1.000.000	105

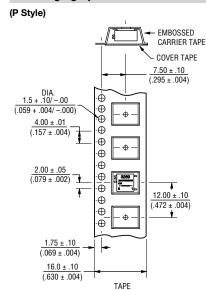
Popular distribution values listed in boldface. Special resistances available.

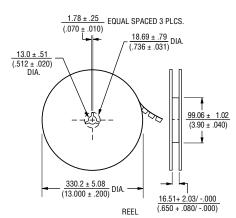
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# 3269 - Packaging Specifications

## BOURNS®

#### **Packaging Specifications**

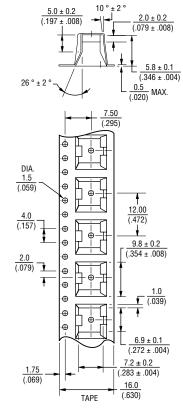


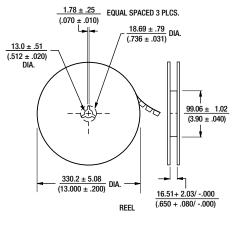


-1 as shown meets EIA Specification 481. Units packaged 750 pieces per reel.

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

#### (W & X Styles)





-2 as shown meets EIA Specification 481. Units packaged 500 pieces per reel.

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