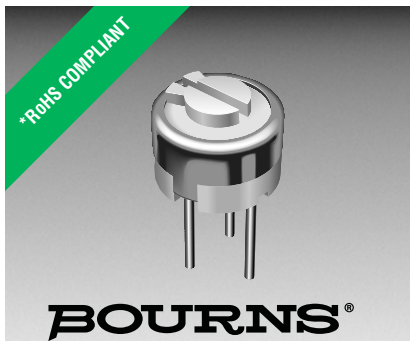




Features

- Single pole/double throw
- Vertical adjust
- Rugged construction
- Board washable
- Wave solderable
- RoHS compliant*

- For switch applications/processing guidelines, [click here](#)

7829 6 mm Through-hole Sealed Rotary Switch

Electrical Characteristics

Contact Rating
Maximum Current..... 100 mA max.
Maximum Voltage..... 16 V
Contact Timing..... Non-shorting
Contact Resistance 2 ohms max.

General Characteristics

Switch Type SPDT
Operating Temperature Range
..... -55 °C to +125 °C
Storage Temperature Range
..... -55 °C to +125 °C
Thermal Shock 5 cycles
..... -55 °C to +125 °C
Seal Test 85 °C Fluorinert†

Mechanical Characteristics

Stop Strength..... 3.5 N.cm
Positions 2
Wiper Position at CCW

Environmental Characteristics

Vibration 30 G
Shock 100 G
Thermal Shock (5 cycles)
..... -55 °C to +125 °C

Humidity

Insulation Resistance
..... 10 megohms min.

Rotational Life

-051 50 Cycles
-023 2000 Cycles
Maximum Soldering Heat 245 °C
Standard Packaging 50 pcs/tube

How to Order

7829 H - 1 - 051 LF

Model _____
Terminal _____
Switch Type _____
1 = SPDT
Rotational Life _____
-051 = 50 Cycles
-023 = 2000 Cycles
Termination _____
LF = 100 % Tin-plated (RoHS compliant)



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.

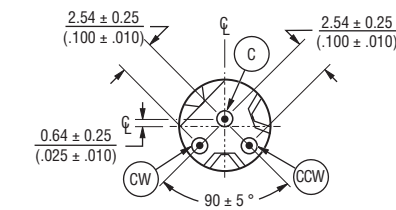
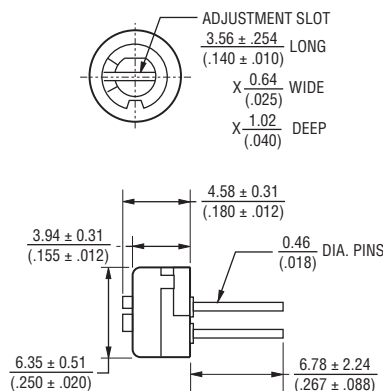
†"Fluorinert" is a registered trademark of 3M Co.

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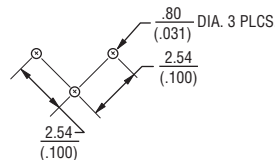
REV. 02/14

Product Dimensions

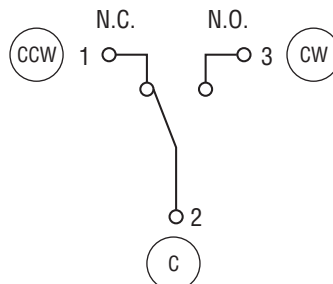
7829H



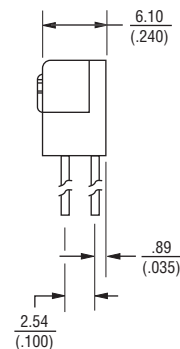
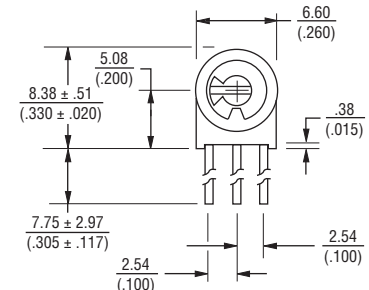
RECOMMENDED PCB LAYOUT



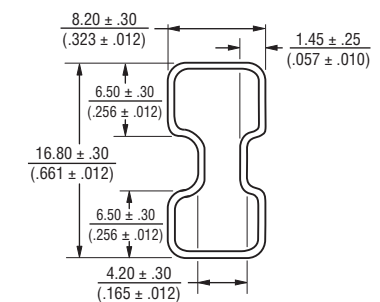
Switch Diagram



7829S



Packaging Specifications



TUBE LENGTH - 356 ± 1.50 MM.
UNITS PACKAGED 50 PIECES PER TUBE.

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

TOLERANCES: ±2 EXCEPT WHERE NOTED.

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