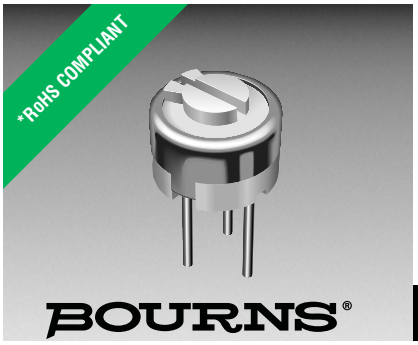



## Features

- 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

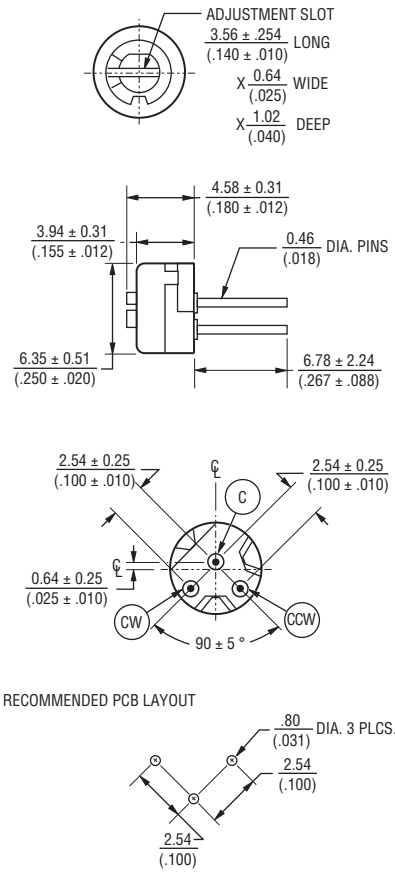
### How to Order

**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)

### Product Dimensions

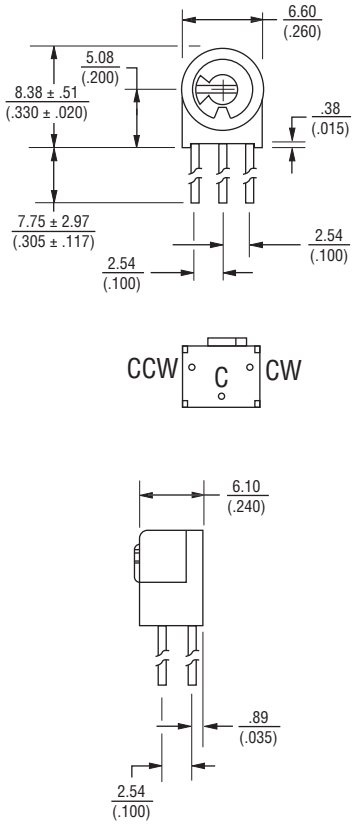
**7829H**



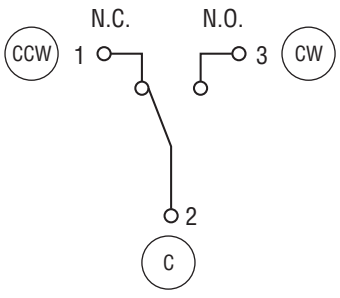

RECOMMENDED PCB LAYOUT



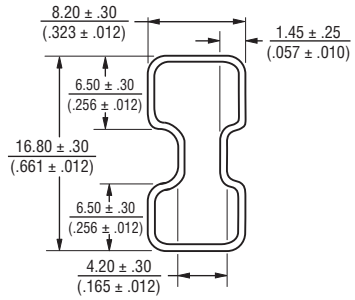

**7829S**




### Switch Diagram




### Packaging Specifications




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

DIMENSIONS: MM (INCHES)

TOLERANCES: ±2 EXCEPT WHERE NOTED.

**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

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