

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

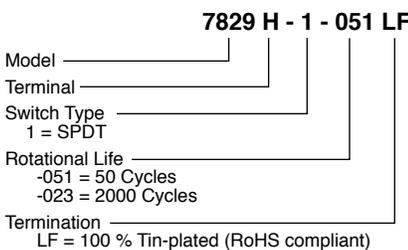
Environmental Characteristics

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

Humidity
 Insulation Resistance
 10 megohms min.

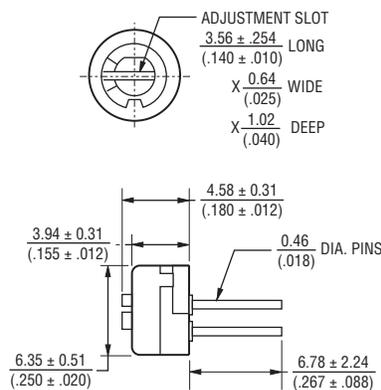
Rotational Life
 -051 50 Cycles
 -023 2000 Cycles
 Maximum Soldering Heat 245 °C
 Standard Packaging 50 pcs/tube

How to Order

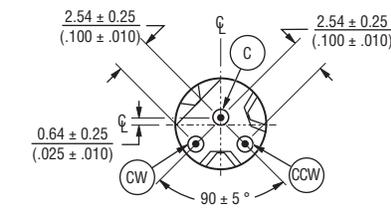
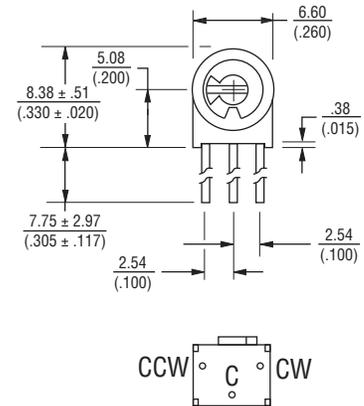


Product Dimensions

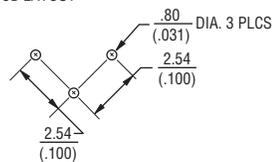
7829H



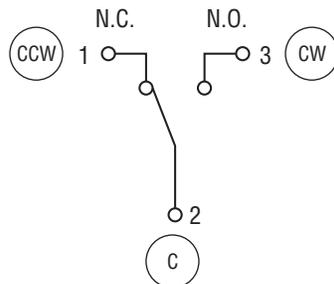
7829S



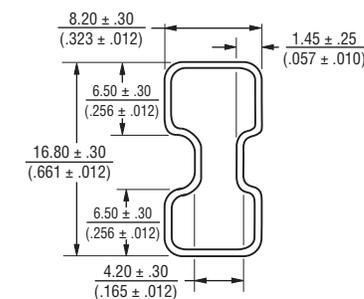
RECOMMENDED PCB LAYOUT



Switch Diagram



Packaging Specifications



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



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

TOLERANCES: ±2 EXCEPT WHERE NOTED.

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