

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

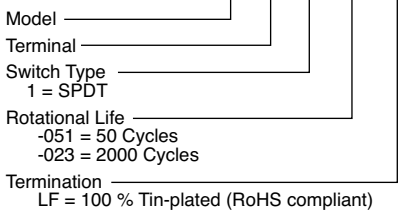
Vibration 30 G
 Shock..... 100 G
 Thermal Shock (5 cycles)
 -55 °C to +125 °C

Humidity
 Insulation Resistance
 10 megohms min.

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

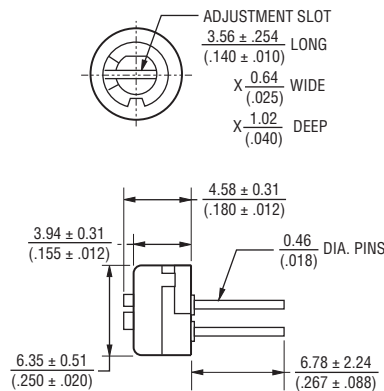
How to Order

7829 H - 1 - 051 LF

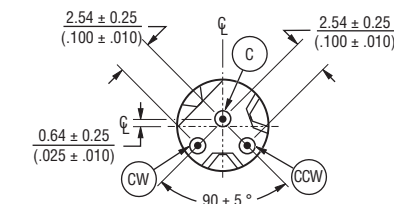
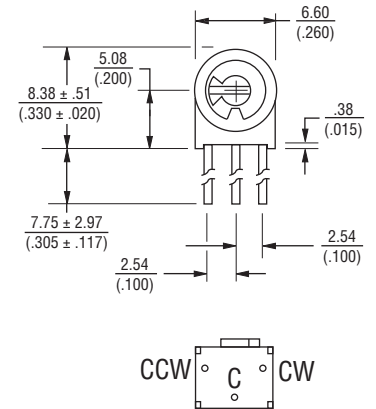


Product Dimensions

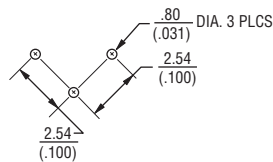
7829H



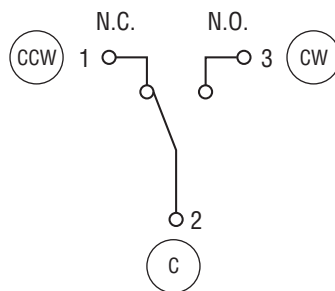
7829S



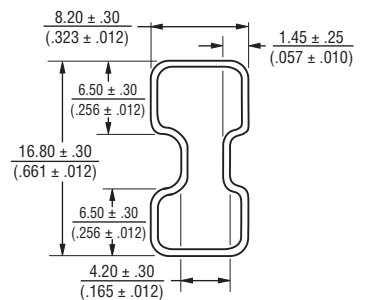
RECOMMENDED PCB LAYOUT



Switch Diagram



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.

REV. 02/14

*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.

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.

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