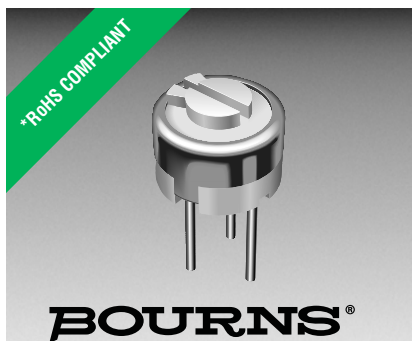




Features

- 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

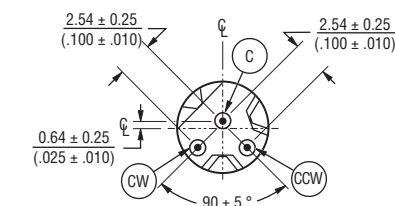
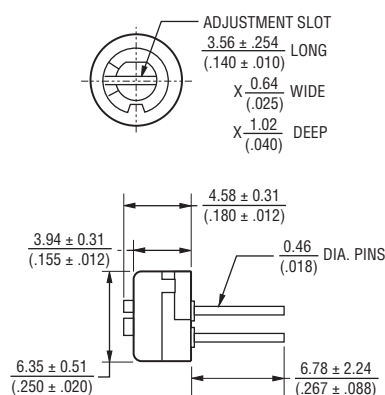
How to Order

7829 H - 1 - 051 LF

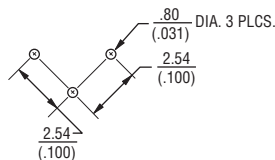
Model _____
Terminal _____
Switch Type _____
1 = SPDT
Rotational Life _____
-051 = 50 Cycles
-023 = 2000 Cycles
Termination _____
LF = 100 % Tin-plated (RoHS compliant)

Product Dimensions

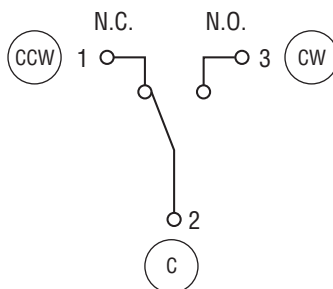
7829H



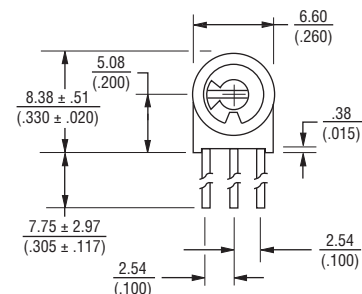
RECOMMENDED PCB LAYOUT



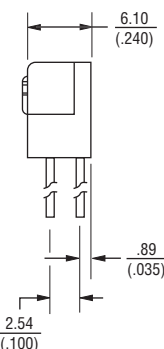
Switch Diagram



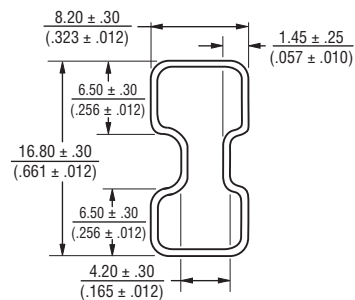
7829S



CCW ° C ° CW



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.