



Features

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

7829 6 mm Through-hole Sealed Rotary Switch

Electrical Characteristics

Contact Rating
 Maximum Current100 mA max.
 Maximum Voltage16 V
 Contact Timing.....Non-shorting
 Contact Resistance.....2 ohms max.

General Characteristics

Switch TypeSPDT
 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

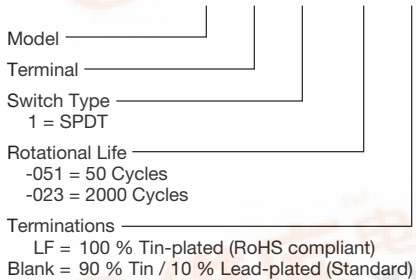
Stop Strength3.5 N.cm
 Positions2

Environmental Characteristics

Vibration30 G
 Shock100 G
 Thermal Shock.....(5 cycles)
-55 °C to +125 °C
 Humidity
 Insulation Resistance
10 megohms min.
 Rotational Life
 -05150 Cycles
 -0232000 Cycles
 Maximum Soldering Heat245 °C
 Standard Packaging50 pcs/tube

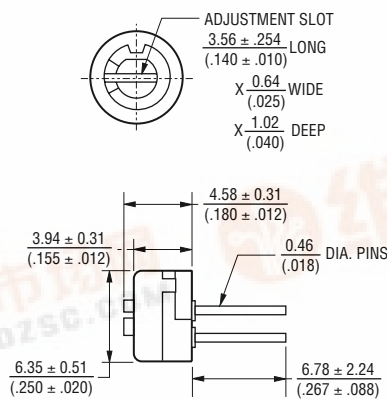
How to Order

7829 H - 1 - 051 LF

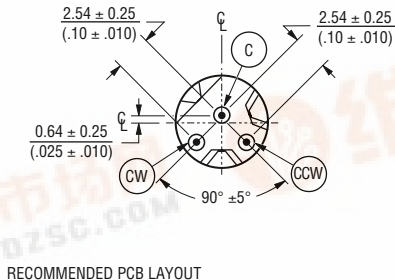
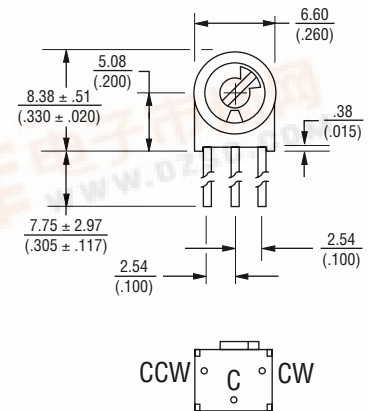


Product Dimensions

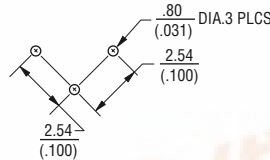
7829H



7829S



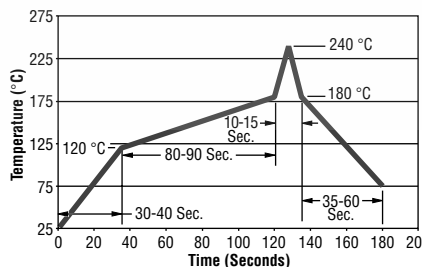
RECOMMENDED PCB LAYOUT



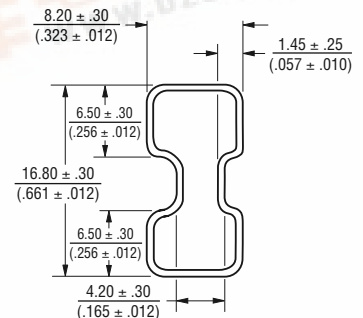
DIMENSIONS ARE: MM (INCHES)

TOLERANCES: ±.2 EXCEPT WHERE NOTED.

Reflow Soldering Profile



Packaging Specifications



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



†“Fluorinert” is a registered trademark of 3M Co.