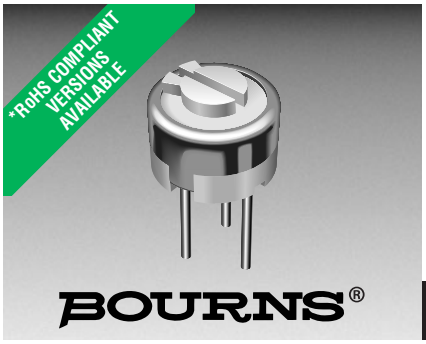


Features

- 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 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

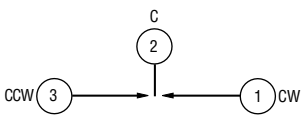
Environmental Characteristics

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

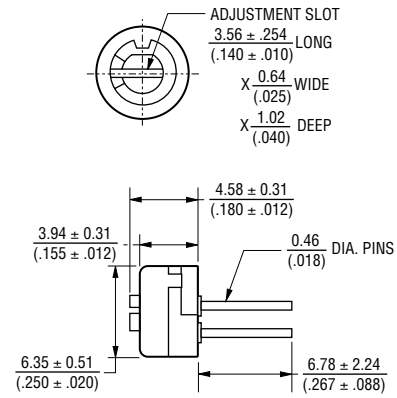
7829 H - 1 - 051 LF

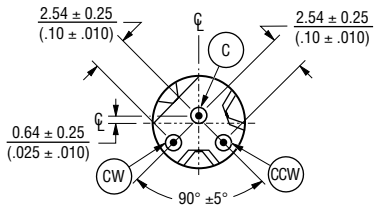
Model
Terminal
Switch Type
1 = SPDT
Rotational Life
-051 = 50 Cycles
-023 = 2000 Cycles
Terminations
LF = 100 % Tin-plated (RoHS compliant)
Blank = 90 % Tin / 10 % Lead-plated (Standard)



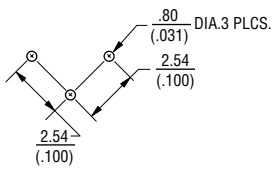
Product Dimensions

7829H





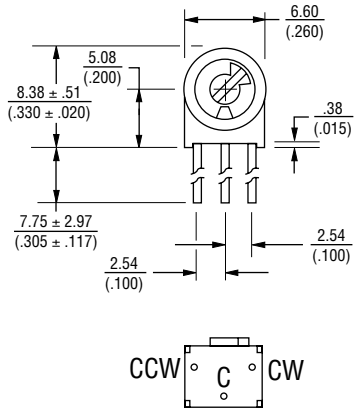
RECOMMENDED PCB LAYOUT

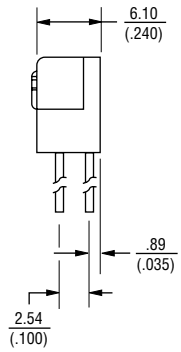


DIMENSIONS ARE: MM / (INCHES)

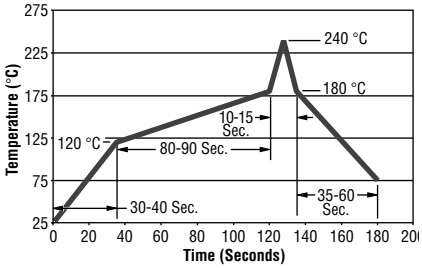
TOLERANCES: ±.2 EXCEPT WHERE NOTED.

7829S

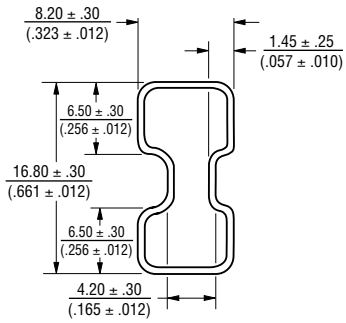




Reflow Soldering Profile



Packaging Specifications



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

†"Fluorinert" is a registered trademark of 3M Co.
*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.