

Features

- Single pole/double throw
- Compatible with most surface mount manufacturing processes
- 50 or 2000 cycle rotational life
- Compatible with popular vacuum pick-andplace equipment
- J-hook, gull-wing and through hole

Additional Information

Click these links for more information:











INVENTORY SAMPLES

7814 SMD 4 mm Square 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.
Insulation Resistance	
	100 megohms min.
Dielectric Strength	

General Characteristics

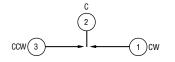
Switch Type	SPDT
Operating Temp. Ran	ge
	55 °C to +125 °C
Storage Temp. Range	55 °C to +125 °C
Seal Test	85 °C Fluorinert†

Mechanical Characteristics	
Positions2	
Adjustment Torque1.8 N-cm max.	
Stop Strength2.5 N-cm min.	
Pushover Strength (Z Style)	
2 kilograms minimum	
Weight Approximately 0.2 gm.	
Marking Manufacturer's	
trademark, life code and date code	

Environmental Characteristics

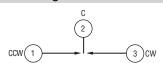
Vibration	
Shock	100 G
Thermal Shock	(5 cycles)
	-55 °C to +125 °C
Humidity	
Insulation Resistant	ce
	. 10 megohms min.
Rotational Life	· ·
-051	50 Cycles
-023	
Packaging Options	,
J & G	500 pcs.
Z	

Circuit Diagram - 7814J, G, H

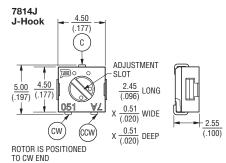


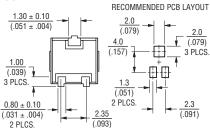
H...... 100 pcs./tube

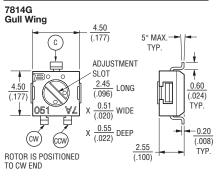
Circuit Diagram - 7814Z

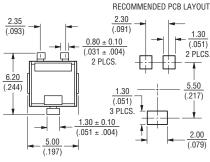


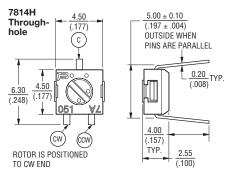
Product Dimensions

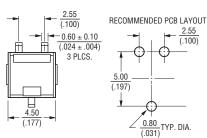


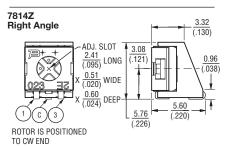


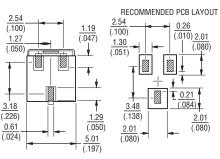












MM DIMENSIONS: (INCHES) TOLERANCES: ±2 EXCEPT WHERE NOTED.



Features (Continued)

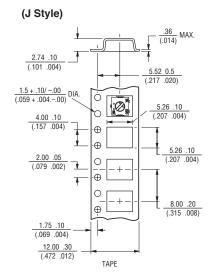
- Meets EIA/EIAJ/IPC/VRCI SMD standard outline dimensions
- RoHS compliant* see <u>processing information</u> on RoHS compliant surface mount components
- For switch applications/processing guidelines, click here

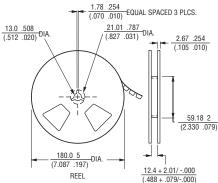
7814 SMD 4 mm Square Sealed Rotary Switch

(G Style)

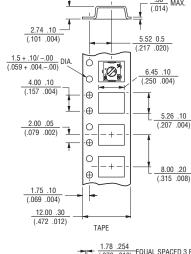
BOURNS®

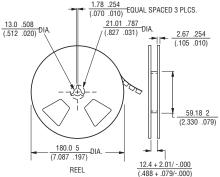
Packaging Specifications





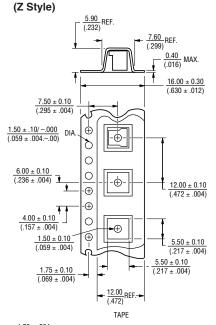
Meets EIA specification 481.

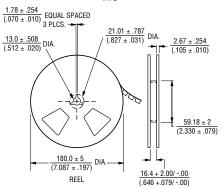




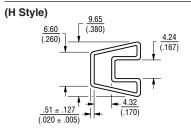
Meets EIA specification 481.



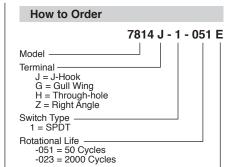




Meets EIA Specification 481.



TUBE LENGTH - 525MM. UNITS PACKAGED 100 PIECES PER TUBE.



Optional Embossed Tape Designator (For pin styles J, G, Z only - omit for tube packaging)

REV. 10/21

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