

Features

- Compatible with most surface mount soldering processes
- Compatible with popular vacuum pick-and place equipment
- J-hook, gull-wing & pinned configurations
- Sealed for board washing

- Meets EIA/EIAJ/IPC/VRCI SMD standard outline dimensions
- Top or side actuated
- RoHS compliant*
- For switch applications/processing guidelines, click here

7914 4 mm SMD & Through-hole Sealed Key Switch

7914H

Through-hole

Electrical Characteristics

Contact Rating	
Maximum Current	100 mA max.
Maximum Voltage	16 V
Contact Resistance	100 milliohms max.
Insulation Resistance	100 megohms min.
Dielectric Strength	250 VAC

General Characteristics

Switch Type	Normally oper
Operating Tempera	iture Range
	55°C to +125°C
Storage Temperatu	
	55 °C to +125 °C
Seal Test	85 °C Fluorinert
Vibration	20 G
Shock	100 G

Mechanical Characteristics

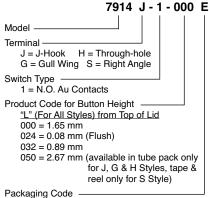
Actuator Force	300 ± 100 g
Pushover Strength (S	Style)
	2 kilograms minimum
Cycle life, loaded	
Contact resistance	100 milliohms max.

Physical Characteristics

Cover Material The	
Terminal Material	Phosphor bronze
Dome Material	Stainless steel
Actuator Material	High temperature
	silicon rubber
Marking	. Manufacturer's code
-	and date code
Packaging Ontions	

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J & G	500 pcs./reel; 50 pcs./tube
S	200 pcs./reel
H	50 pcs./tube

How to Order



Blank = Tube (for J, G & H Styles)

E = Plastic Embossed Tape & Reel (for J, G & S Styles)

Note: S Style is only available in tape and reel.

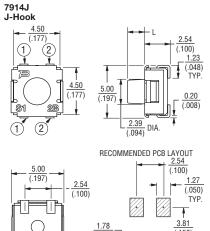
Product Dimensions

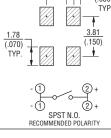
0.76

7914G Gull Wing

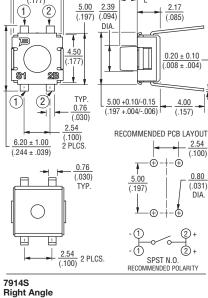
(.177)

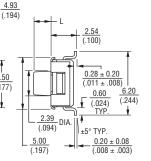
2B

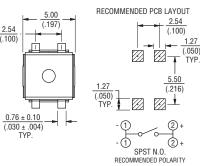




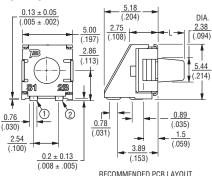
SPST N.O. MMENDED POLARITY 7914S

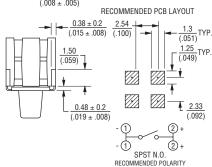








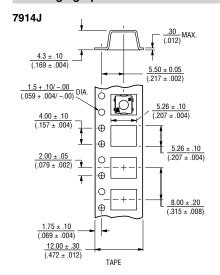


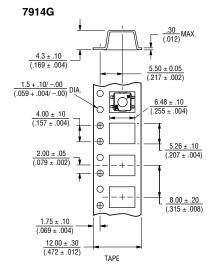


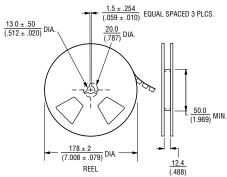
7914 4 mm SMD & Through-hole Sealed Key Switch

BOURNS

Packaging Specifications





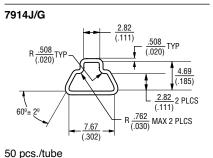


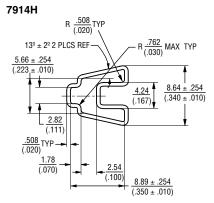
20.0 (.787) DIA $\frac{50.0}{(1.969)}$ MIN. $\frac{178 \pm 2}{(7.008 \pm .079)}$ DIA. 12.4 RFFI (.488)Meets EIA specification 481

 $\frac{1.5 \pm .254}{(.059 \pm .010)}$ EQUAL SPACED 3 PLCS.

Meets EIA specification 481.

500 pcs./reel 500 pcs./reel





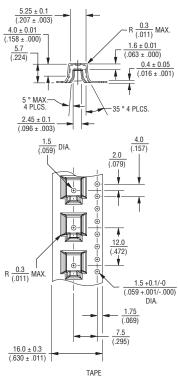
DIMENSIONS: (INCHES)

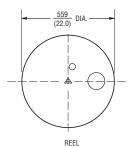
50 pcs./tube

REV. 01/12

Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.

7914S





Meets EIA specification 481.

200 pcs./reel

Reflow Soldering Profile

