**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
- Rated to IP 67 standard

**7914 4 mm SMD & Through-hole Sealed Key Switch**

**Electrical Characteristics**

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

**General Characteristics**

- Switch Type ......................... Normally open
- Operating Temperature Range .............................. -55 °C to +125 °C
- Storage Temperature Range .............................. -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) ................. 0.9 kilograms minimum
- Cycle life, loaded ..................... 500,000 actuations
- Contact Resistance .......... 100 milliohms max.

**Physical Characteristics**

- Cover Material ............. Stainless steel
- Base Material ............. Thermoplastic, UL94V-0
- Terminal Material .... Copper alloy gold plated
- Dome Material .... Stainless steel silver plated
- Actuator Material ........ High-temperature silicon rubber
- Marking .................... Manufacturer’s code
- Package Options
  - J & G ..................... 500 pcs./reel (MSL-1)
  - S ..................... 200 pcs./tube
  - H ..................... 50 pcs./tube

**How to Order**

**7914 J - 1 - 000 E**

- Model 
- Terminal
  - J = J-Hook
  - H = Through-hole
  - G = Gull Wing
  - S = Right Angle
- Switch Type
  - 1 = N.O. Au Contacts
- Product Code for Button Height
  - L = (For All Styles) from Top of Lid
    - 000 = 1.65 mm
    - 024 = 0.08 mm (Flush)
    - 032 = 0.89 mm
    - 050 = 2.67 mm (available in tube pack only for J, G & H Styles, tape & reel only for S Style)
- Packaging Code (MSL-1)
  - Blank = Tube (for J, G & H Styles) - 50 pcs.
  - E = Plastic Embossed Tape & Reel (for J & G Styles - 50 pcs.)
  - (for S Style - 200 pcs.)

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

**Specifications**

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

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