



BOURNS®

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

Applications

- Camcorders
- Remote controls
- Security systems
- Electronic games

7914 4mm SMD & Through-hole Sealed Key Switch

Electrical Characteristics

Contact Rating

Maximum Current100mA max.

Maximum Voltage24V

Contact Resistance

.....100 milliohms max.

Insulation Resistance

.....100 megohms min. (DC500V)

Dielectric Strength250 VAC

General Characteristics

Switch TypeNormally open

Operating Temperature Range

.....-55°C to +125°C

Storage Temperature Range

.....-55°C to +125°C

Seal Test85°C Fluorinert*

Vibration20G

Shock100G

Mechanical Characteristics

Pushover Strength (S Style)

.....2 kilograms minimum

Cycle life, loaded100,000 actuations

Contact resistance

.....100 milliohms max.

MarkingManufacturer's code and date code

Packaging Options

J, G & Z100 pcs./tube

H100 pcs./tube

How to Order

7914 G - 2 - 000 E

Model

Terminal

Switch Type

001 = N.O. Optional Contacts Au

002 = Std. N.O. Contacts Ag

Product Code for Pin Styles J, G and H

000 = 4.0mm Height FMS

024 = 2.4mm Height (Flush Actuator) FMS

032 = 3.2mm Height FMS

Embossed Tape

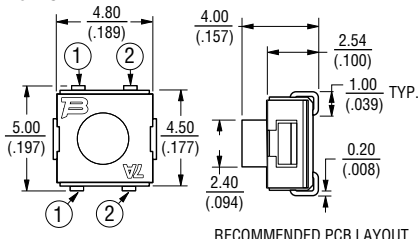
(Option Applicable to Styles J, G and Z only - Consult Factory. Omit for Tube packaging.)

DIMENSIONS ARE: METRIC
(INCHES)

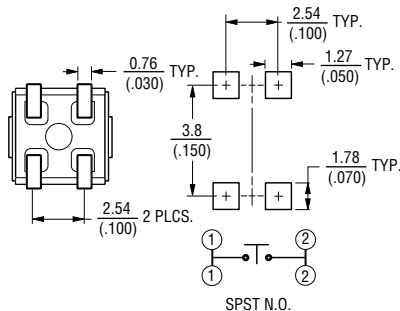
TOLERANCES: ±.2 EXCEPT WHERE NOTED.

Product Dimensions

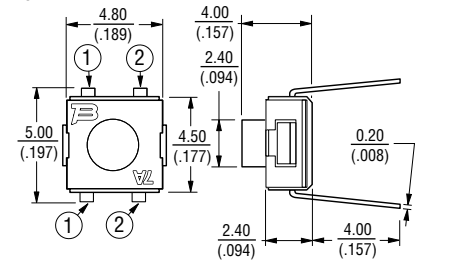
7914J



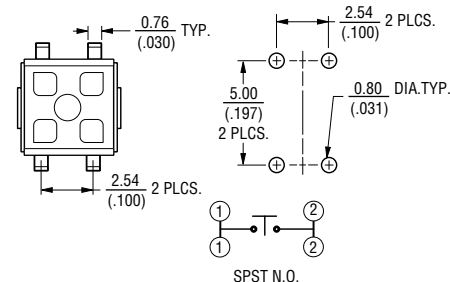
RECOMMENDED PCB LAYOUT



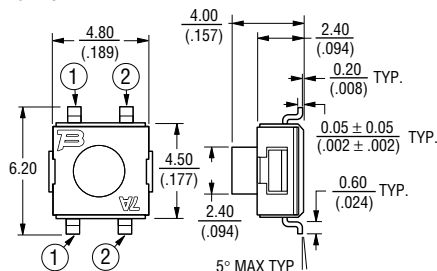
7914H



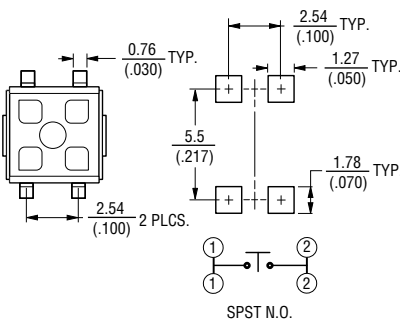
RECOMMENDED PCB LAYOUT



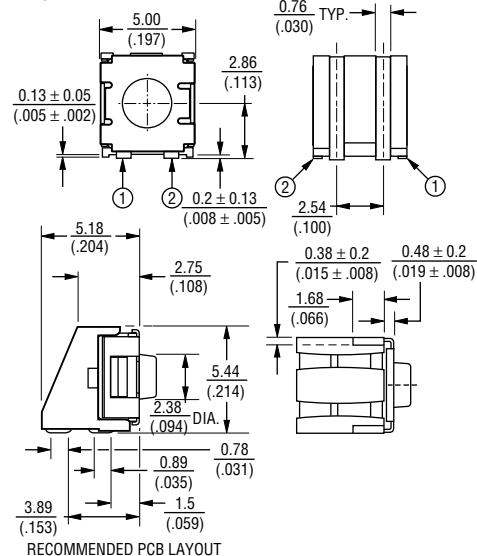
7914G



RECOMMENDED PCB LAYOUT



7914Z



RECOMMENDED PCB LAYOUT

