# PTS 820 Series Microminiature SMT Top Actuated

#### Features/Benefits

- 3.9 x 2.9 mm footprint
- Three different heights
- High number of cycles
- Reduced footprint

#### Typical Applications

- Control panels
- Nomad devices
- Remote controls
- Keyless entry system





#### **Specifications**

FUNCTION: momentary action

CONTACT ARRANGEMENT: 1 make contact = SPST N.O.

TERMINALS: J type for SMT

TRAVEL: 0.2mm + 0.1mm / -0.05 mm

	Operating	Life	Height	Pegs
	Force (gf)	Cycles	mm	
PTS820 J25M SMTR LFS	160 ± 50	200,000	2.5	No
PTS820 J25K SMTR LFS	250 ± 50	100,000	2.5	No
PTS820 J25MP SMTR LFS	160 ± 50	200,000	2.5	Yes
PTS820 J25KP SMTR LFS	250 ± 50	100,000	2.5	Yes
PTS820 J20M SMTR LFS	160 ± 50	200,000	2.0	No
PTS820 J20K SMTR LFS	250 ± 50	100,000	2.0	No
PTS820 J20MP SMTR LFS	160 ± 50	200,000	2.0	Yes
PTS820 J20KP SMTR LFS	250 ± 50	100,000	2.0	Yes
PTS820 J15M SMTR LFS	160 ± 50	200,000	1.5	No
PTS820 J15K SMTR LFS	250 ± 50	100,000	1.5	No
PTS820 J15MP SMTR LFS	160 ± 50	200,000	1.5	Yes
PTS820 J15KP SMTR LFS	250 ± 50	100,000	1.5	Yes

#### **Electrical**

#### **Environmental**

OPERATING TEMPERATURE: -40°C to 85°C

#### **Process**

SOLDERING: This component is suited to the following methods: Infrared Reflow Soldering in accordance with IEC61760-1

**NOTE**: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

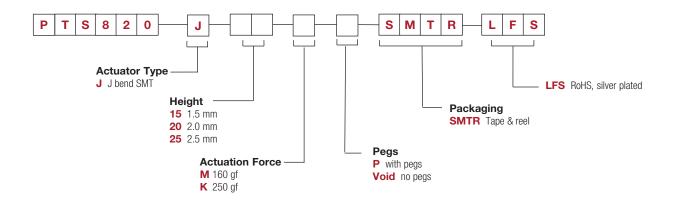
#### **Packaging**

Switches in reels of 2,500 pieces for 1.5 and 2.0 mm height Switches in reels of 2,300 pieces for 2.5 mm height Dimensions of reels according to EIA 481B External diameter 330 mm

### How To Order

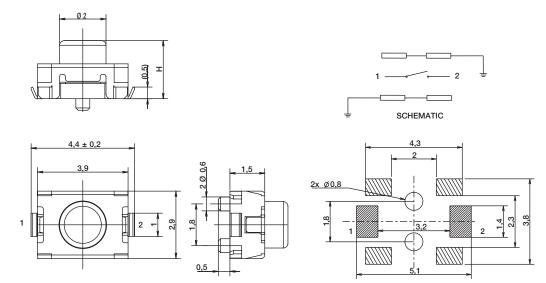
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

For any part number different from those listed above, please consult your local representative.

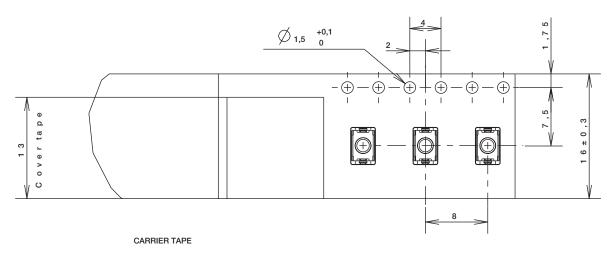


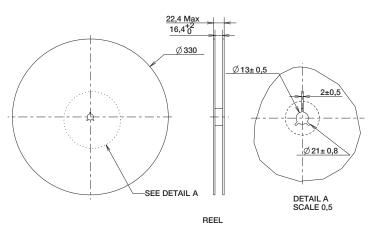


# 2.5 & 2.0 mm height (H) - version shown here with pegs



RECOMMENDED PCB LAYOUT







# PTS 820 Series **Microminiature SMT Top Actuated**

# 1.5 mm height (H) - version shown here with pegs

