

**NEW!**

- **Nomad devices**
- **Remote controls**
- **Personal health diagnostics**
- **Consumer electronics**

## Electrical

MAXIMUM VOLTAGE:	12 VDC
MAXIMUM CURRENT DC:	50 mA
DIELECTRIC STRENGTH:	250 VA C (1mn)
CONTACT RESISTANCE:	≤ 500 mΩ
INSULATION RESISTANCE:	≥ 100 MΩ
BOUNCE TIME:	≤ 10 ms

OPERATING TEMPERATURE: -40°C to 85°C

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

In reels of 3,500 pieces  
Dimensions of reels according to EIA 481B  
External diameter 330 mm

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

Type <b>without ground pin</b>	Operating Force (gf)	SMT Leads	Pegs
PTS840 GM SMTR LFS	160 -40/+70	G leads	No
PTS840 GK SMTR LFS	220 -70/+80	G leads	No
PTS840 JM SMTR LFS	160 -40/+70	J leads	No
PTS840 JK SMTR LFS	220 -70/+80	J leads	No
PTS840 PM SMTR LFS	160 -40/+70	P leads	No
PTS840 PK SMTR LFS	220 -70/+80	P leads	No
PTS840 GMP SMTR LFS	160 -40/+70	G leads	Yes
PTS840 GKP SMTR LFS	220 -70/+80	G leads	Yes
PTS840 JMP SMTR LFS	160 -40/+70	J leads	Yes
PTS840 JKP SMTR LFS	220 -70/+80	J leads	Yes
<b>with ground pin</b>			
PTS840 ESDGM SMTR LFS	160 -40/+70	G leads	No
PTS840 ESDGK SMTR LFS	220 -70/+80	G leads	No
PTS840 ESDJM SMTR LFS	160 -40/+70	J leads	No
PTS840 ESDJK SMTR LFS	220 -70/+80	J leads	No
PTS840 ESDPM SMTR LFS	160 -40/+70	P leads	No
PTS840 ESDPK SMTR LFS	220 -70/+80	P leads	No
PTS840 ESDGMP SMTR LFS	160 -40/+70	G leads	Yes
PTS840 ESDGKP SMTR LFS	220 -70/+80	G leads	Yes
PTS840 ESDJMP SMTR LFS	160 -40/+70	J leads	Yes
PTS840 ESDJKP SMTR LFS	220 -70/+80	J leads	Yes

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.

The diagram illustrates a 12-character part number structure, with each character in a box. Brackets connect specific characters to their corresponding attributes:

- ESD Pin:** VOID No, ESD Yes (connected to the 1st and 2nd characters)
- SMT Style:** J J bend, G Gullwing, P Front PIP (connected to the 3rd and 4th characters)
- Actuation Force:** M 160 gf, K 220 gf (connected to the 5th character)
- Pegs\*:** P with pegs, Void no pegs (connected to the 6th character)
- Packaging:** SMTR Tape & reel (connected to the 7th, 8th, and 9th characters)
- LFS:** RoHS, silver plated (connected to the 10th, 11th, and 12th characters)

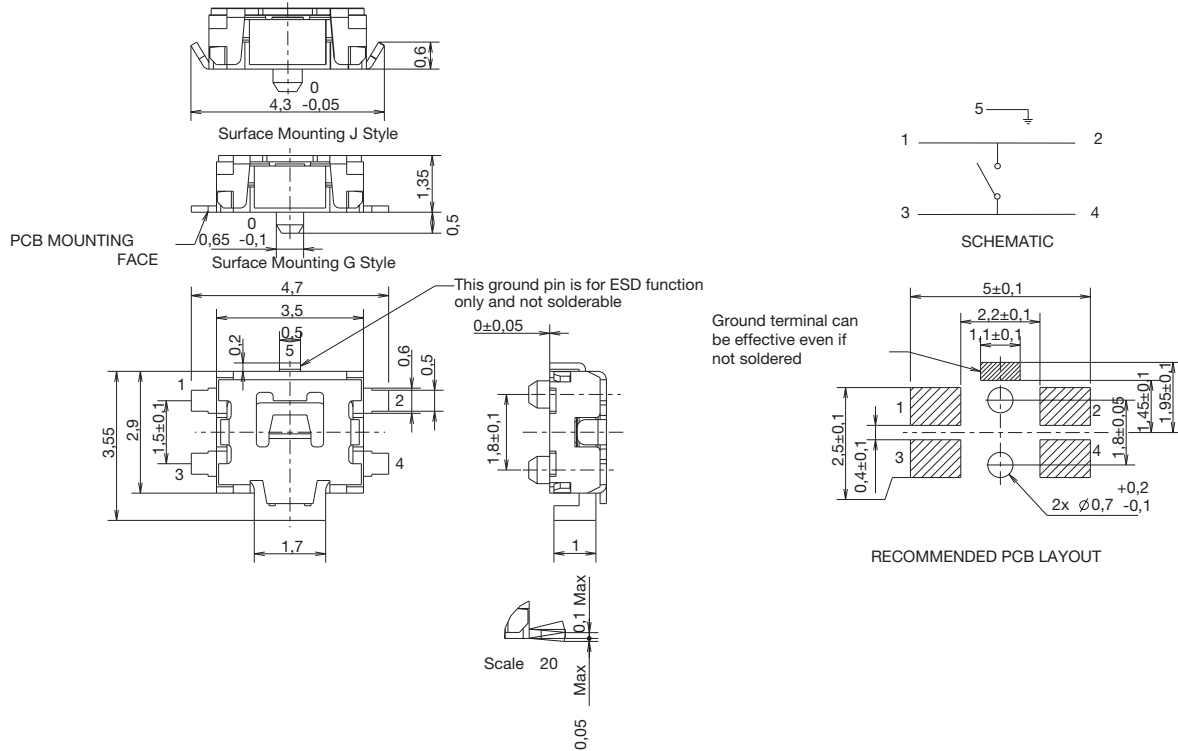
\* Peg option not valid for P SMT leads type

- “J” leads need to be soldered with 0.1mm solder paste thickness. Below this value, shock resistance will be decreased. A “G” lead version could easily replace it.
- “P” leads are recommended for applications where shear resistance is of importance
- When a precise alignment between application button and the switch is requested, version with pegs are the right choice to limit the possible floating of the switch during solderability.

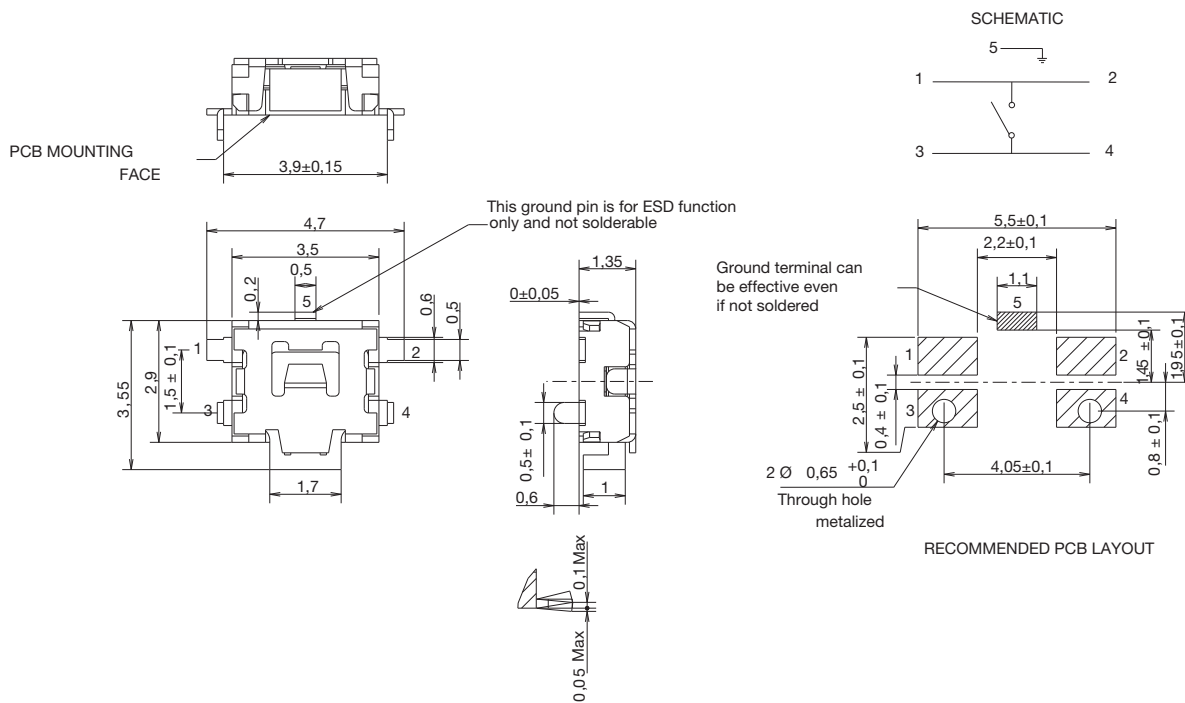
**NEW!**

# PTS 840 Series Microminiature SMT Side Actuated

## Standard J and G SMT Leads with ESD and Peg options



## P SMT Leads with ESD option



**NEW!**

## Tactile Switches

B

