

PTS 840 Series Microminiature SMT Side Actuated

NEW!

Features/Benefits

- 3.5 x 3.55 mm footprint
- Front PIP leads option for strong shear resistance
- ESD pin option
- Reduced footprint

Typical Applications

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



Specifications

FUNCTION: momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
TERMINALS: G and front PIP types for SMT
TRAVEL: 0.2mm + 0.2mm / -0.1 mm
LIFE: 100,000 cycles

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

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

Packaging

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.

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.

P	T	S	8	4	0							S	M	T	R	L	F	S		
ESD Pin VOID No ESD Yes						SMT Style G Gullwing P Front PIP			Actuation Force M 160 gf K 220 gf			Pegs* P with pegs Void no pegs			Packaging SMTR Tape & reel			LFS RoHS, silver plated		

* Peg option not valid for P SMT leads type

Design Recommendations

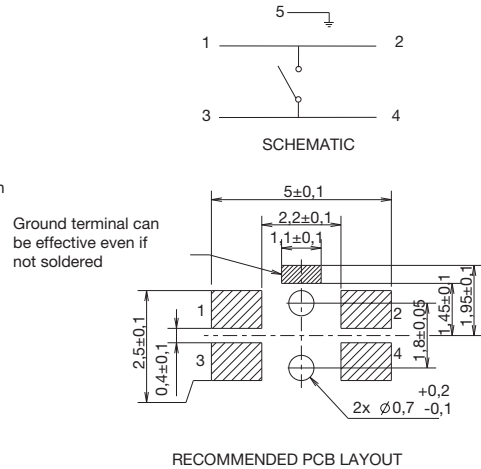
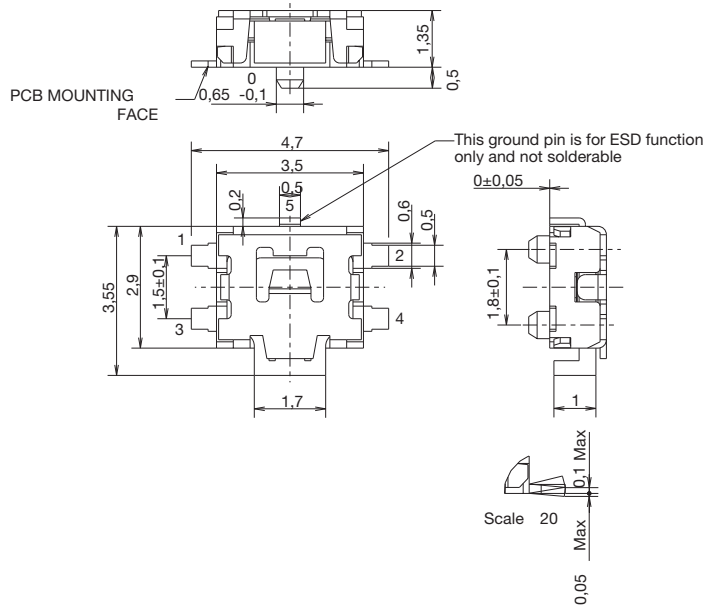
- "P" leads are recommended for applications where shear resistance is of importance
- When a precise alignment between application button and the switch is requested, version with pegs are the right choice to limit the possible floating of the switch during solderability.



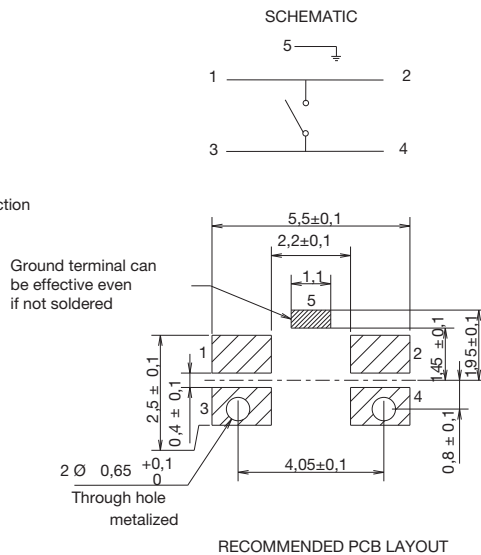
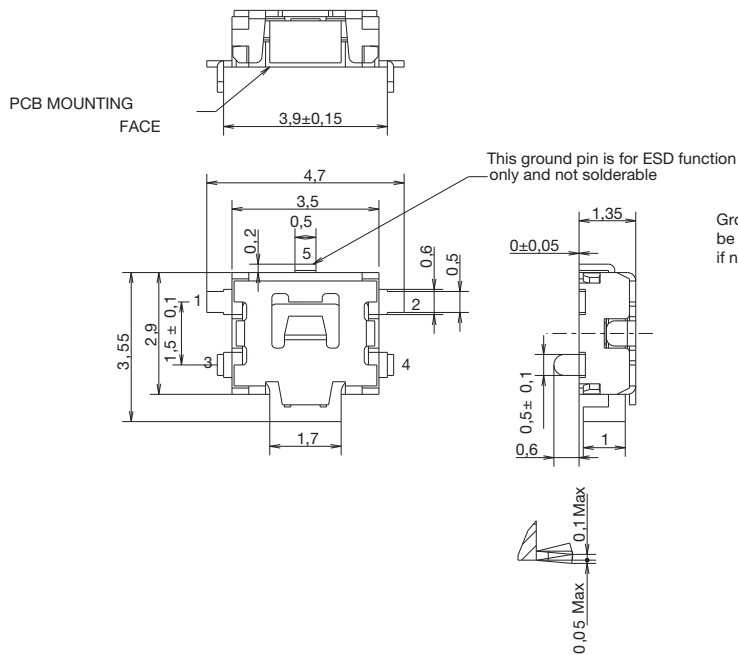
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Standard G SMT Leads with ESD and Peg options



P SMT Leads with ESD option



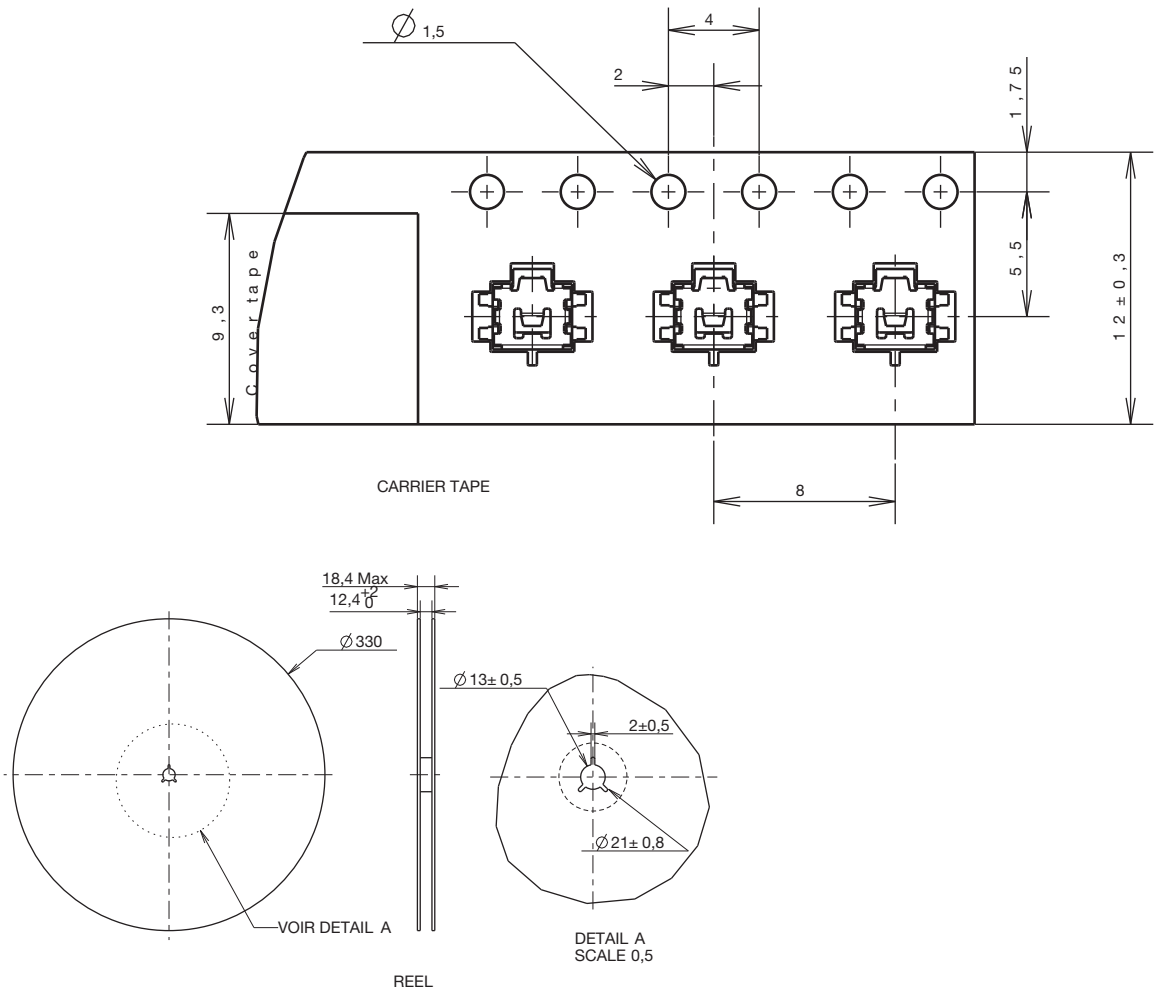
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TAPE & REEL

Tactile Switches

B



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[PTS840 ESD GMP SMTR LFS](#) [PTS840 JMP SMTR LFS](#) [PTS840 ESD JM SMTR LFS](#) [PTS840 PM SMTR LFS](#)
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