

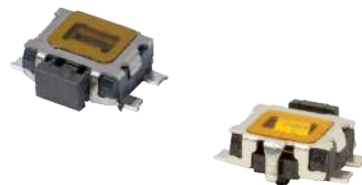
# PTS841 Series Microminiature SMT Side Actuated

## Features/Benefits

- 3.6 x 3.5 mm footprint
- 1.25 mm thickness
- ESD pin option
- Peg option
- Commercial grade

## Typical Applications

- IoT devices
- Wearables
- Portable devices
- Remote controls



## Specifications

FUNCTION: momentary action  
 CONTACT ARRANGEMENT: 1 make contact = SPST N.O.  
 TERMINALS: G for SMT  
 TRAVEL: 0.2mm ± 0.1 mm  
 LIFE: 100,000 cycles

| Type                    | Operating Force (gf) | Pegs | ESD pin option |
|-------------------------|----------------------|------|----------------|
| PTS841 GM SMTR LFS      | 180 ± 50             | No   | No             |
| PTS841 GK SMTR LFS      | 250 ± 50             | No   | No             |
| PTS841 GMP SMTR LFS     | 180 ± 50             | Yes  | No             |
| PTS841 GKP SMTR LFS     | 250 ± 50             | Yes  | No             |
| PTS841 ESD GM SMTR LFS  | 180 ± 50             | No   | Yes            |
| PTS841 ESD GK SMTR LFS  | 250 ± 50             | No   | Yes            |
| PTS841 ESD GMP SMTR LFS | 180 ± 50             | Yes  | Yes            |
| PTS841 ESD GKP SMTR LFS | 250 ± 50             | Yes  | Yes            |

## Electrical

MAXIMUM VOLTAGE: 12 VDC  
 MAXIMUM CURRENT DC: 50 mA  
 DIELECTRIC STRENGTH: 250 VA C (1mn)  
 CONTACT RESISTANCE: ≤ 100 mΩ Initial  
 INSULATION RESISTANCE: ≥ 100 MΩ  
 BOUNCE TIME: ≤ 5 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 3,000 pieces  
 Dimensions of reels according to EIA 481B  
 External diameter 330 mm

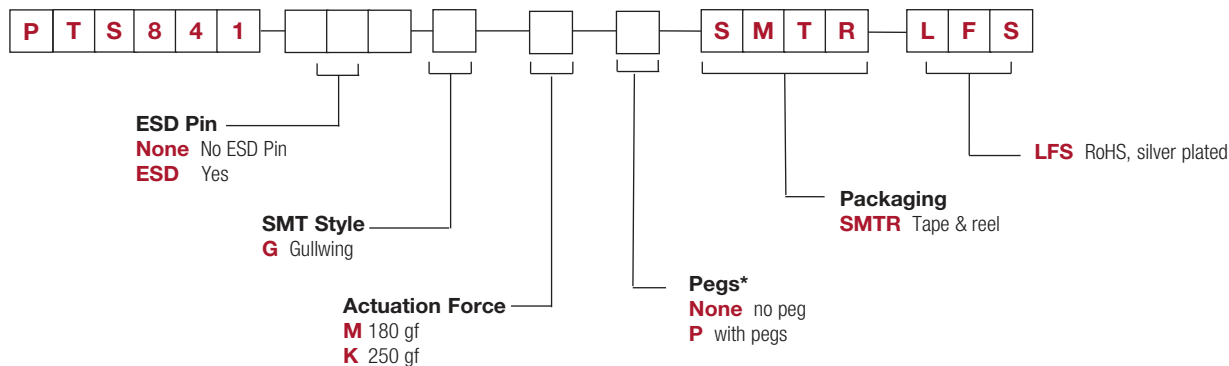
## NOTE:

- Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.
- The PTS series is not certified for using in Automotive application and no PPAP. However, in the case of some automotive accessories and specific applications for 2 and 3 wheeled vehicles the PTS is widely used and very suitable. Please contact your local C&K representative to discuss your application and the best switch solution.

## 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.



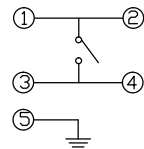
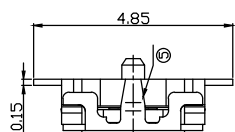
## Design Recommendations

\* 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.

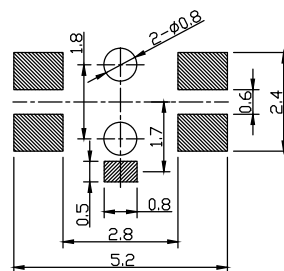
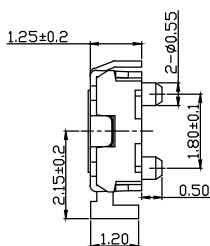
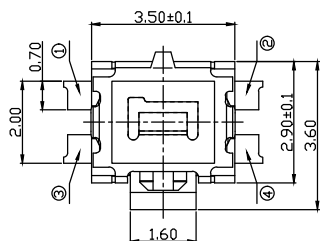
# PTS841 Series Microminiature SMT Side Actuated

G SMT Leads with ESD and Peg options

Tactile Switches



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION

## TAPE & REEL

