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 Force (gf)	Life Cycles	Height mm	Pegs
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

Packaging

Switches in reels of 2,300 pieces for 2.5 mm height
Switches in reels of 2,500 pieces for 2.0 mm height
Switches in reels of 3,000 pieces for 1.5 mm height
Dimensions of reels according to EIA 481B
External diameter 330 mm

Electrical

MAXIMUM VOLTAGE:	12 VDC
MAXIMUM CURRENT DC:	50 mA
DIELECTRIC STRENGTH:	100 VA C (1mn)
CONTACT RESISTANCE:	≤ 100 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

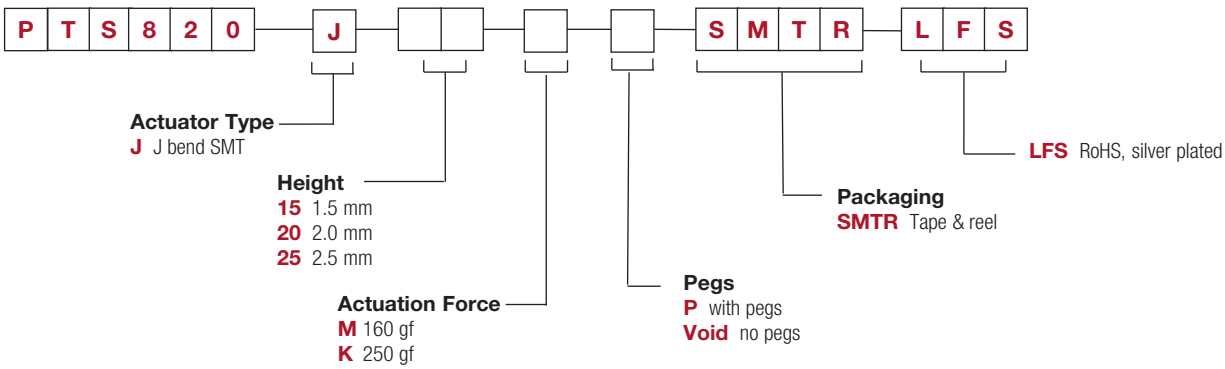
NOTE:

- 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.

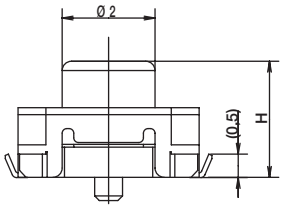
How To Order

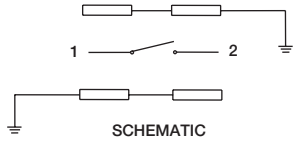
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

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

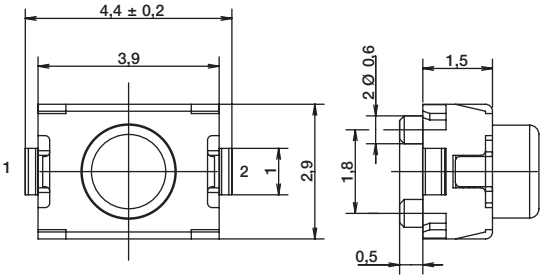


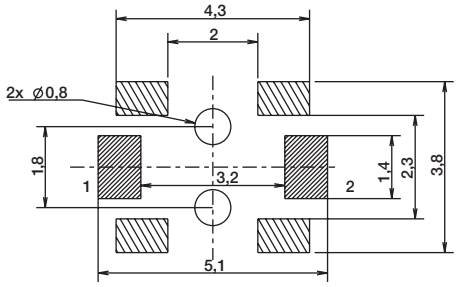
2.5 & 2.0 mm height (H) - version shown here with pegs



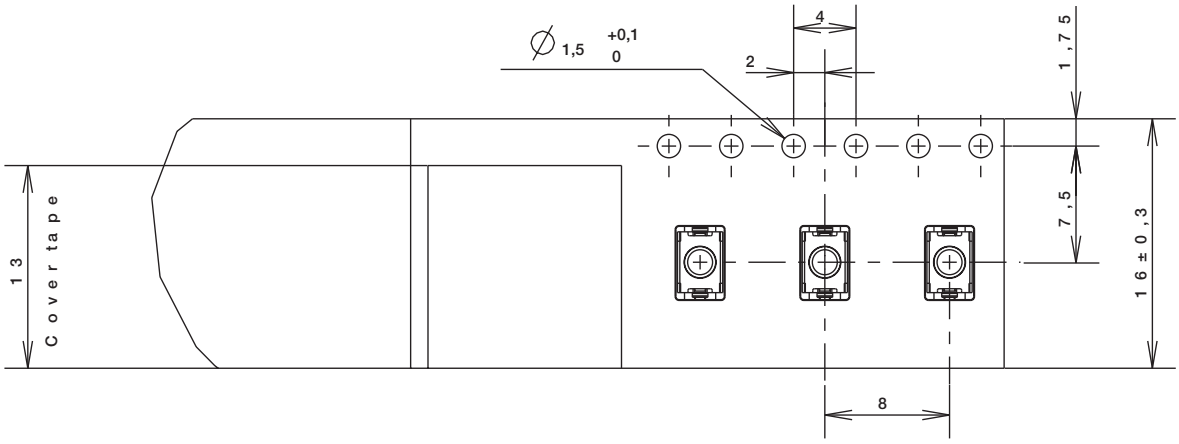


SCHEMATIC

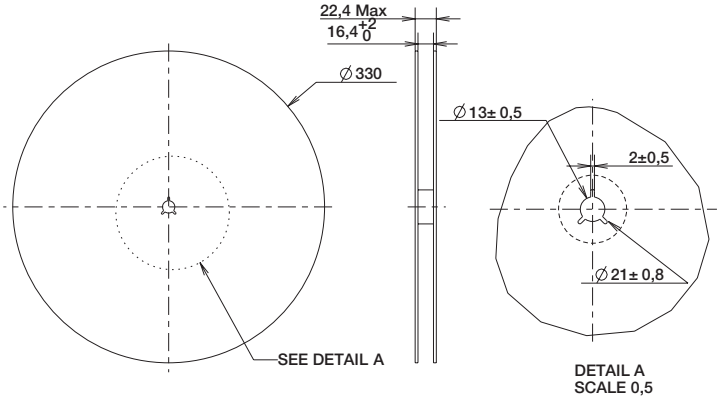




RECOMMENDED PCB LAYOUT



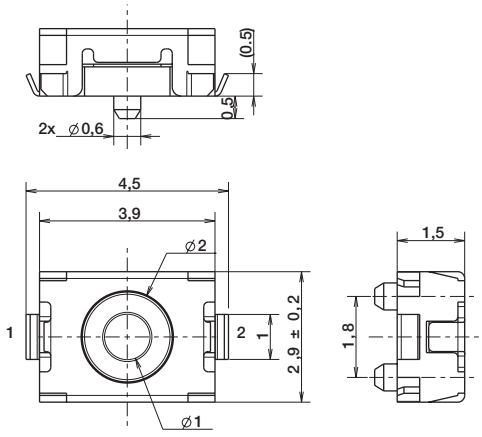
CARRIER TAPE

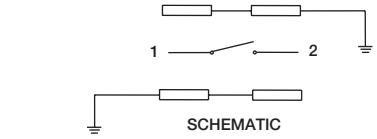


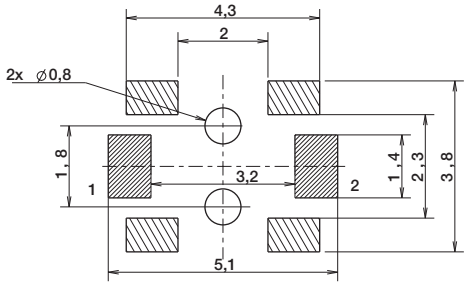
DETAIL A
SCALE 0,5

REEL

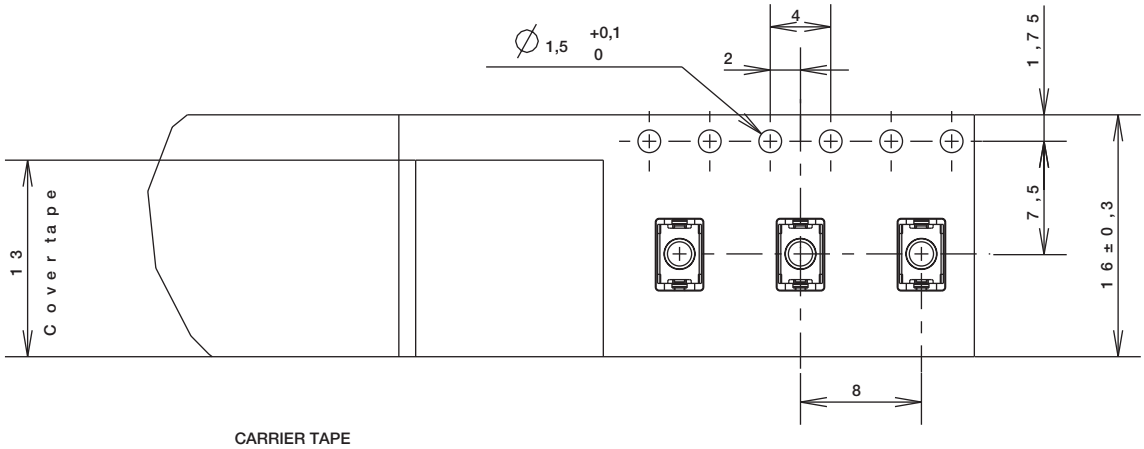
1.5 mm height (H) - version shown here with pegs



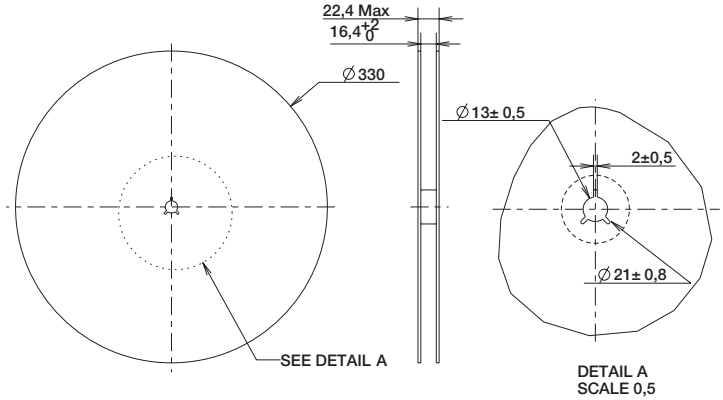




RECOMMENDED PCB LAYOUT



CARRIER TAPE



DETAIL A
SCALE 0,5

REEL

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

C&K:

C115366-8935C MA04S1NCGF 7101J1V6BE2 7105J61ZQE22 E101J1AV3QE2 E112SD1CBE ET03J1AVBE2 REL BAR F5X12.5 NICKEL PLTD TP12SH8AVBE C115366-8897 MA00S3NCQD RTAP3EW12M25NP T101MH9AVGE Y33R43115FPLFT RS187R05D4DSMTRT2 T103SHABE 340102902B 37PFR115 7101MPCWZQE 7107SDW1BE PVA1EEH43.5NV2 PVA2EEH41.7NSNAV2 R10007RR03Q T108SHZBE 7101J3ZBE2 MA04L2NZQD MA10L1NZQF RS014R05A1PA 7203SDZQI RTAP41S10W25NS A40305RNCQ