

Features/Benefits

- 3.5 x 2.6 mm footprint
- High number of cycles
- Optional ground pin

Typical Applications

- Wearable electronics
- Nomad devices
- Remote controls
- Keyless entry system

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Specifications

FUNCTION: momentary action CONTACT ARRANGEMENT: 1 make contact = SPST N.O. TERMINALS: G type for SMT TRAVEL: 0.15 mm ± 0.1 mm

	Operating	Life	Ground
	Force (gf)	Cycles	Pin
PTS830 GM140 SMTR LFS	160 ± 50	500,000	No
PTS830 GG140 SMTR LFS	450 ± 80	200,000	No
PTS830 GM140G SMTR LFS	160 ± 50	500,000	Yes
PTS830 GG140G SMTR LFS	450 ± 80	200,000	Yes

Packaging

Switches in reels of 9,500 pieces Dimensions of reels according to EIA 481B External diameter 330 mm

Electrical

 MAXIMUM VOLTAGE:

 MAXIMUM CURRENT DC:

 DIELECTRIC STRENGTH:
 100

 CONTACT RESISTANCE:
 ≤

 INSULATION RESISTANCE:
 ≥

 BOUNCE TIME:
 ≤

 $\begin{array}{l} 12 \text{ VDC} \\ 50 \text{ mA} \\ 100 \text{ VA C (1mn)} \\ \leq 100 \text{ m}\Omega \\ \geq 100 \text{ M}\Omega \\ \leq 10 \text{ ms} \end{array}$

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

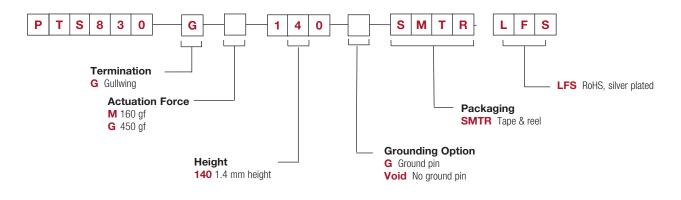
NOTE:

- 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

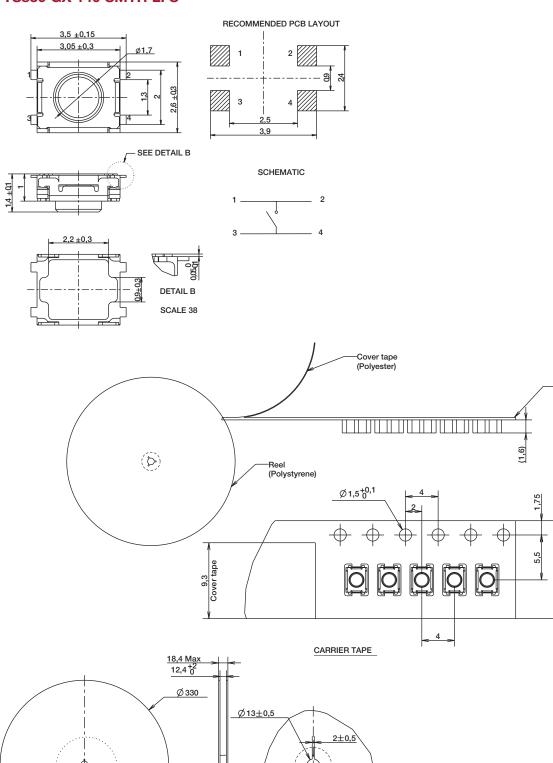
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

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



www.ckswitches.com

PTS830 GX 140 SMTR LFS





SEE DETAIL A

REEL

Dim**Đisiensians shevshown**a mm Spe**Sifieatfizasians shidhehisiensisabjeabjectikanghe**ange

-Carrier tape (Polystyrene)

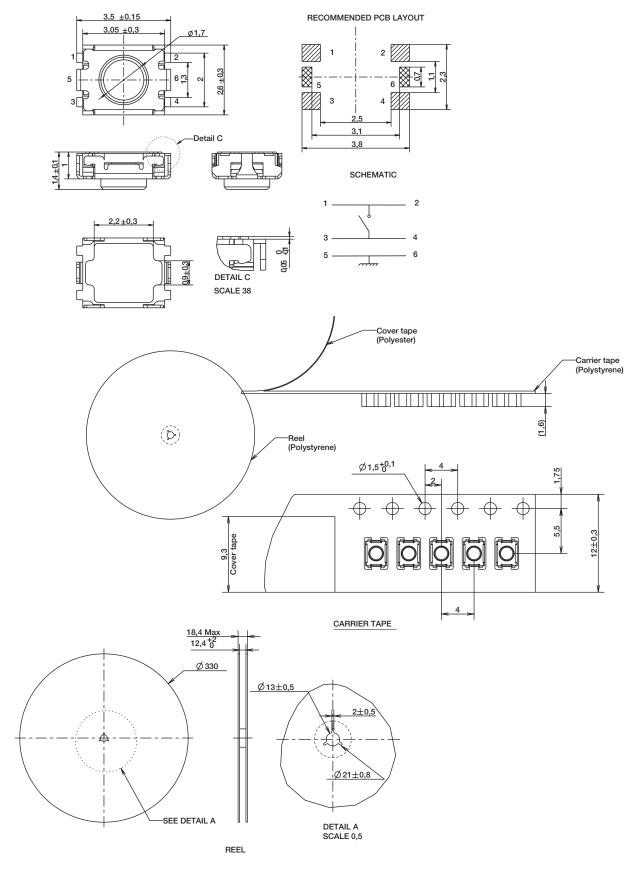
12土0,3

Ø 21±0,8

DETAIL A SCALE 0,5

PTS830 GX 140 G SMTR LFS

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Dimensions are shown: mm Specifications and dimensions subject to change

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