

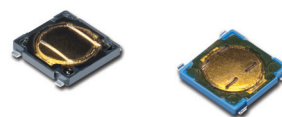
PTS 530 Series Ultra Low Profile SMT Top Actuated

Features/Benefits

- 4.5 x 4.5 mm footprint
- 0.55 mm thickness
- High number of cycles
- Symbol line identification

Typical Applications

- MP3 accessories
- Bluetooth headset
- Remote controls
- Garage door opener



Specifications

FUNCTION: momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
TERMINALS: Gullwing for SMT
TRAVEL: 0.2mm - 0.1 /+ 0.15mm

Part Number	Operating Force (gf)	Operating Life (operations)
PTS530 GN055 SMTR LFS	100 ± 30	1,000,000
PTS530 GM055 SMTR LFS	160 ± 30	1,000,000
PTS530 GH055 SMTR LFS	200 ± 30	200,000
PTS530 GK055 SMTR LFS	260 ± 30	200,000
PTS530 GG065 SMTR LFS	400 ± 70	300,000
PTS530 GS065 SMTR LFS	600 - 50/+100	150,000

Electrical

MAXIMUM VOLTAGE: 12 VDC
MAXIMUM CURRENT DC: 50 mA
DIELECTRIC STRENGTH: 250 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

Packaging

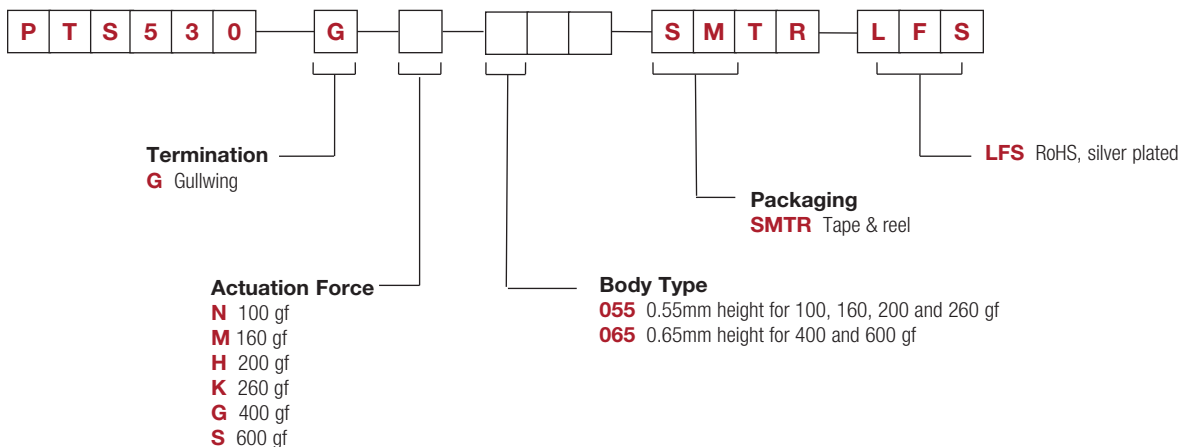
Switches in reels of 7,000 pieces.
Dimensions of reels according to EIA 481B
External diameter 330 mm

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

How To Order

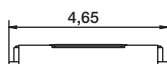
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

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

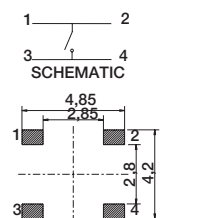
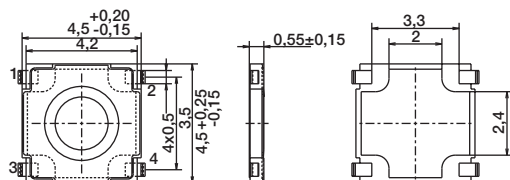


Tactile Switches

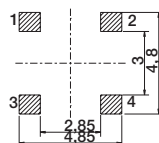
G GULLWING



055 0,55 MM HEIGHT

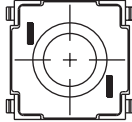
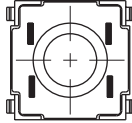
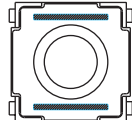


ALTERNATIVE PCB LAYOUT



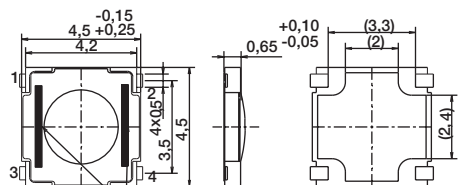
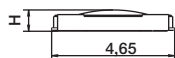
RECOMMENDED PCB LAYOUT



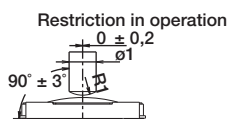
N: 100 gf	
M: 160 gf	No Lines
H: 200 gf	
K: 260 gf	

065 0,65 MM HEIGHT

PART NUMBER	HEIGHT	+0.1 -0.05
PTS 530 GS 065 SMTR LFS	0.72	
PTS 530 GG 065 SMTR LFS	0.68	



—Force symbol lines for 600 gf
No symbol line for 400 gf



Restriction in operation

G: 400 gf	No Lines
S: 600 gf	

Technical drawing of a reel, showing three views: a side view, a front view, and a detail view (DETAIL A).

Side View (Left): Shows the profile of the reel. Dimensions include a total width of 12 $\pm$ 0.3, a height of 9.3, and a cover tape thickness of 0.3. The reel has a central hub with a diameter of $\varnothing 1.5$ and a width of 4. The distance between the centers of the three reels is 8. The distance from the center of the reel to the edge of the cover tape is 1.75. The distance from the center of the reel to the edge of the reel is 5.5.

Front View (Middle): Shows the circular face of the reel. The outer diameter is $\varnothing 330$. The center is marked with a crosshair. A dashed circle indicates the location of the central hub. A label "SEE DETAIL A" points to the central hub area.

Detail View (Right): A detailed view of the central hub area, labeled "DETAIL A SCALE 0,5". It shows a circular hub with a diameter of $\varnothing 21 \pm 0.8$ and a thickness of 2 ± 0.5 . The hub is mounted on a reel with a diameter of $\varnothing 13 \pm 0.5$. The distance from the center of the hub to the edge of the reel is 18.4 Max.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9