



PTR HARTMANN

A Phoenix Mecano Company

Technical data

// THC00S- 167 A6 -A1 5 4 TR -S

Tact switch

Classic 6.0 x 6.0 mm SMT



Highlights

15 actuator heights available

Up to 1,000,000 actuations

Possible with | without ground pin

Possible with | without embossed pins

3 pin lengths available

Reflow soldering

Mechanical Data

Fixation mode	SMT
Type	horizontal
Actuation direction	vertical
Travel	0.25 mm ± 0.1 mm
Length	6.0 mm
Width	6.0 mm
Perm. ambient temperature	-40 °C ... +85 °C
Perm. storage temperature	max. 30 °C
Reflow soldering	max. 260 °C

Electrical Data

Rating	12.0 VDC / 50.0 mA
Contact resistance	< 100.0 mOhm
Insulation resistance	> 100.0 MOhm
Test voltage	250.0 VAC / 1.0 min

Material

Housing	PA46
Pin plating	Bronze, Ag plated
Metal cover	Stahl (Spcc), Ni plated
Dome	Stainless steel (SUS), Ag plated

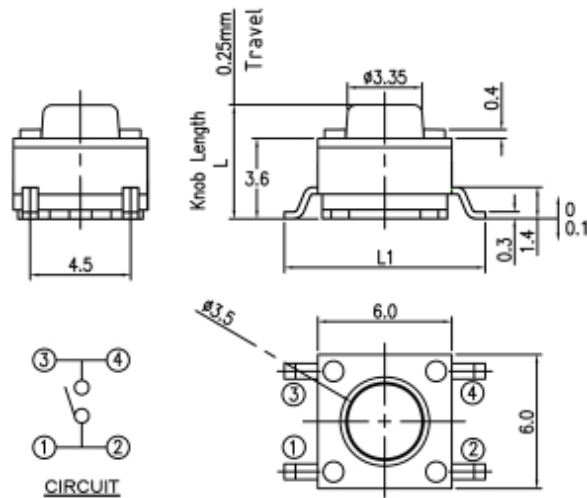
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Technical Drawing



Configuration

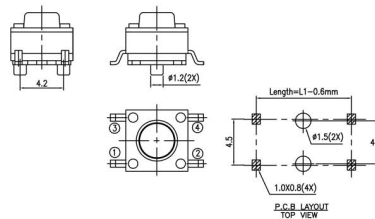
Actuation force | Life time 160gf | 1.000.000 cycles

Height incl. Knob (L) 6.0 mm

Knob material | Color PA46 | Black

Terminal Length (L1) 8.0 mm

Cover

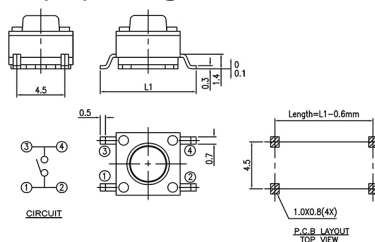


Metal cover | Embossed

Packing

Tape packing

Terminal Form



Standard