

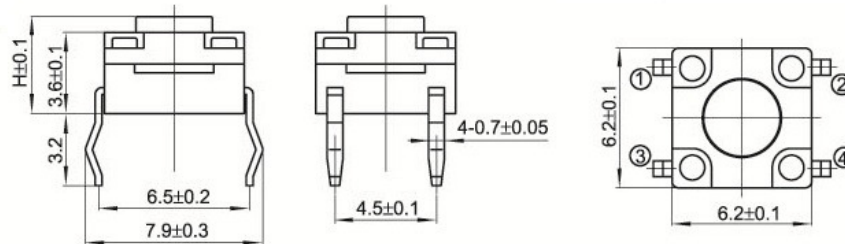
6x6mm Waterproof switch



ROHS COMPLIANT



For H = 4.3 to 9.5mm



H
4.3
5.0
5.5
6.0
6.5
7.0
7.5
8.0
8.5
9.0
9.5

SPECIFICATIONS:

Rating: 50mA x 12V DC

Contact resistance: 100 mOhms max.

Proof Voltage: 250V AC for 1 minute

Insulation Resistance: 100 MOhms minimum/100VDC

Operating Life: 100,000 cycles PhBz contact

Operating Force: 250gf

Operating Temperature: -40 to 85 Deg. C

Soldering Temperature: 270 +/- 10 Deg. for 3 sec.

H
10
10.5
11
11.5
12
12.5
13
13.5
14
14.5
15
15.5
16
16.5
17

Part Code: 60-2S2-XXX-WP

Replace XXX with overall height H
refer Table for various height from 4.3 to 17mm

4.3mm = 043

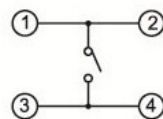
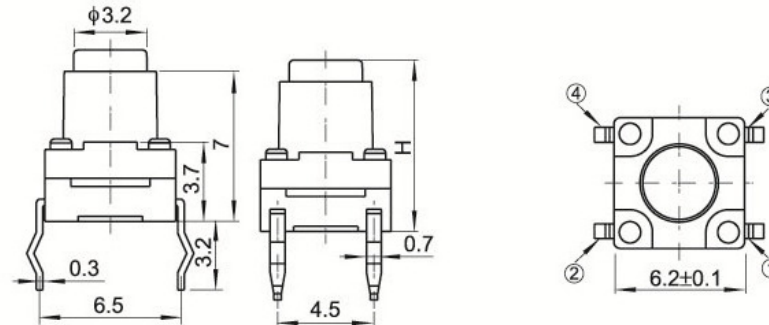
5mm = 050

17mm = 170

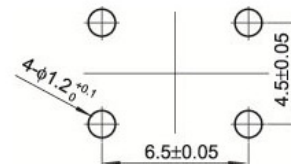
Example Part code: 60-2S2-090-WP = 9mm height



For H = 10 to 17mm



Circuit Diagram



PCB layout



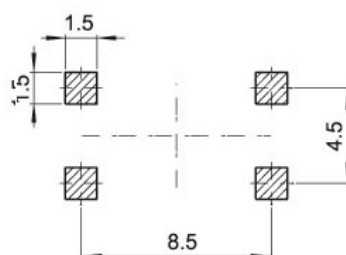
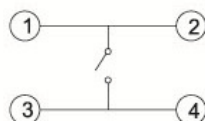
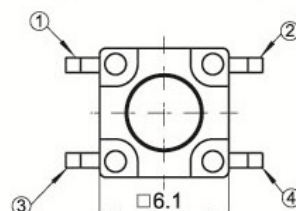
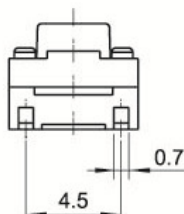
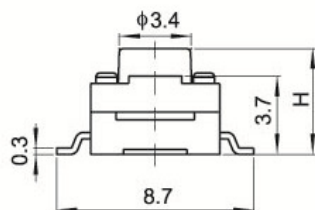
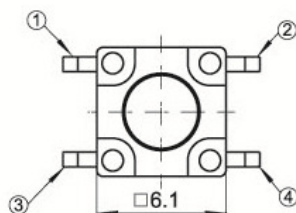
6X6mm SMD WATERPROOF TACT SWITCH



ROHS COMPLIANT



For H = 4.3 to 9.5mm



H
4.3
5.0
5.5
6.0
6.5
7.0
7.5
8.0
8.5
9.0
9.5

SPECIFICATIONS:

Rating: 50mA x 12V DC

Contact resistance: 100 mOhms max.

Proof Voltage: 250V AC for 1 minute

Insulation Resistance: 100 MOhms minimum/100VDC

Operating Life: 100,000 cycles PhBz contact

Operating Force: 250gf

Operating Temperature: -40 to 85 Deg. C

Soldering Temperature: 270 +/- 10 Deg. for 3 sec.

PART NUMBER: SMD-6060-XXX-WP

Replace XXX with overall height H
refer Table for various height from 4.3 to 17mm

4.3mm = 043

5mm = 050

17mm = 170

Example Part code: 60-2S2-090-WP = 9mm height



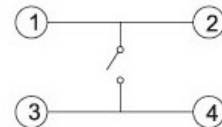
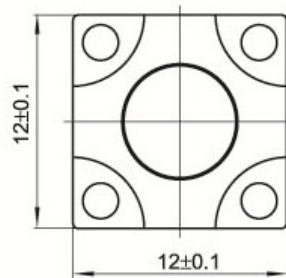
PART NUMBER: 60-3S5-XXX-WP

DESCRIPTION: 12X12XHmm 12X12 WATERPROOF TACT SWITCH

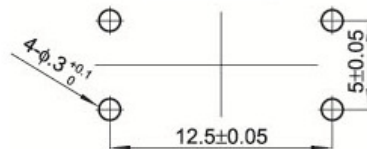
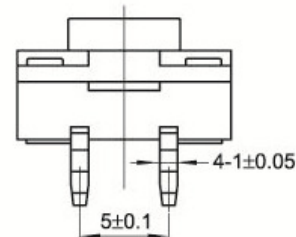
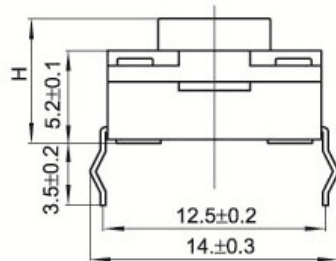


ROHS COMPLIANT

WATERPROOF



H
6.5
7.0
7.5
8.0
8.5
9.0
9.5
10.0
11.0
12.0



SPECIFICATIONS

Items		Standard
Operating temperature range		-30℃ to +85℃
Electrical performance	Rating	50mA. 12V DC
	Insulation resistance	100MΩ min. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	100,000 Cycles
Mechanical performance	Operating force	160gf 250gf
	Travel	0.25 ± 0.1mm

Dimensional tolerance +/- 0.2mm



PART NUMBER: 60-1010-33-WP

DESCRIPTION: 10X10X33mm 10X10 WATERPROOF TACT SWITCH



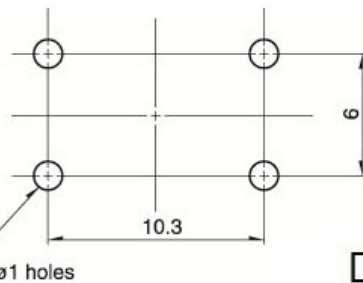
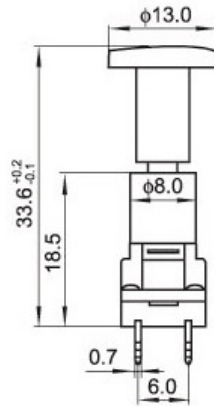
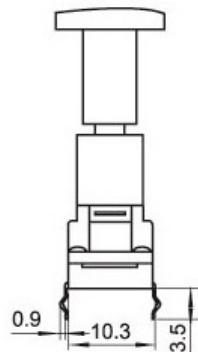
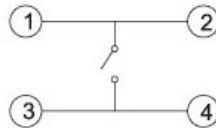
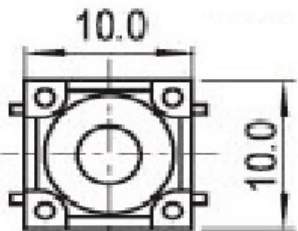
ROHS COMPLIANT

WATERPROOF

SPECIFICATIONS

Items		Standard
Operating temperature range		-20℃ to +70℃
Electrical performance	Rating	50mA. 12V DC
	Insulation resistance	100MΩ min. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	100,000 Cycles
Mechanical performance	Operating force	400gf ± 70gf
	Travel	0.40 ± 0.2mm

Temperature of water	60℃
Depth of water	10cm
Immersion duration	240h



REV.00 DATE 08/04/2020

Dimensional tolerance +/- 0.2mm



PRAN ELECTRONICS PVT. LTD.
INDIA.

PART NUMBER: 60-1010-X-WP
DESCRIPTION: 10X10XHmm 10X10 WATERPROOF TACT SWITCH



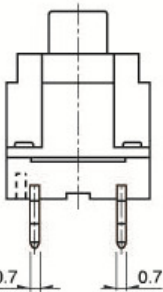
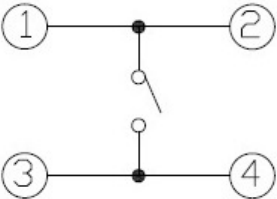
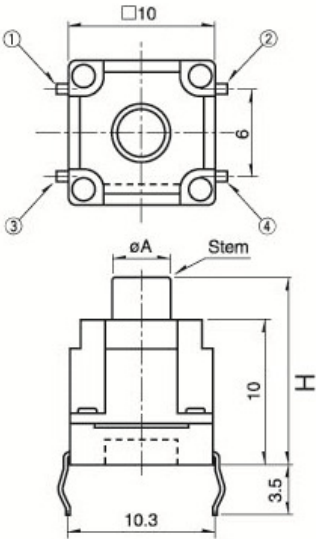
ROHS COMPLIANT

WATERPROOF

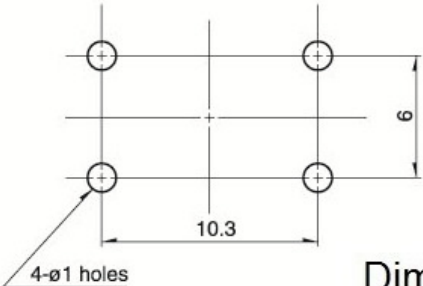
SPECIFICATIONS

Items		Standard
Operating temperature range		-40℃ to +90℃
Electrical performance	Rating	50mA. 12V DC
	Insulation resistance	100MΩ min. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	100,000 Cycles
Mechanical performance	Operating force	160gf 250gf
	Travel	0.30 ± 0.1mm

Temperature of water	60℃
Depth of water	10cm
Immersion duration	240h



H	A
13	3.8
15	3.5
23.2	3.5



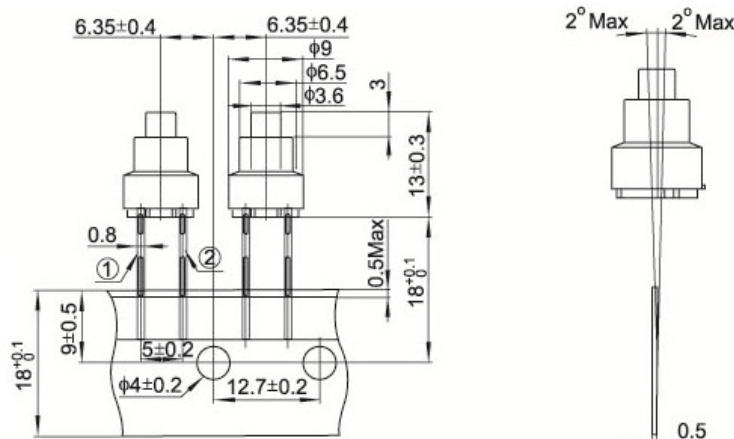
Dimensional tolerance +/- 0.2mm

DESCRIPTION: 10MMX13 RADIAL 2 PIN ROUND WATERPROOF TACT SWITCH

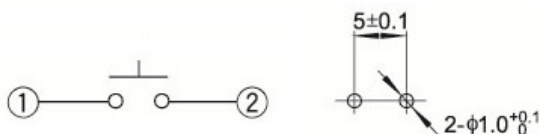
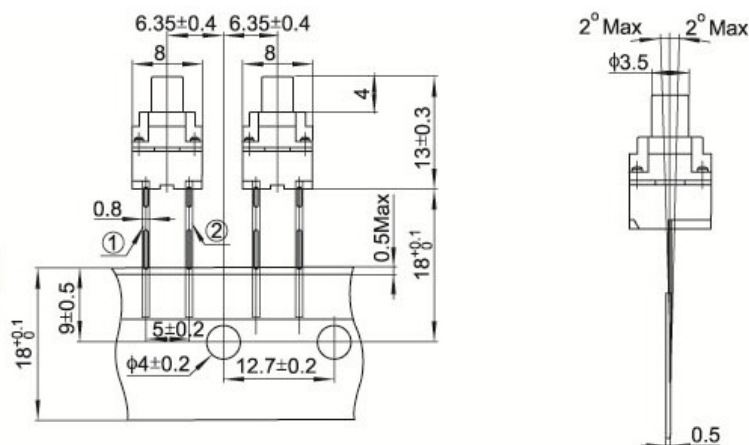
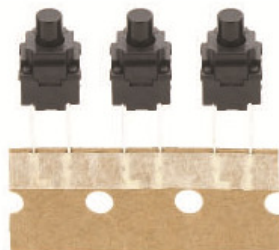


ROHS COMPLIANT

WATERPROOF



DESCRIPTION: 8X8X13mm RADIAL 2 PIN WATERPROOF TACT SWITCH



Dimensional tolerance +/- 0.2mm

SPECIFICATIONS

Items		Standard
Operating temperature range		-40℃ to +90℃
Electrical performance	Rating	50mA. 12V DC
	Insulation resistance	100MΩ min. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	100,000 Cycles
Mechanical performance	Operating force	160gf 250gf
	Travel	0.25 ± 0.1mm

Temperature of water	60°C
Depth of water	10cm
Immersion duration	240h

REV.00 DATE 08/04/2020

PRAN ELECTRONICS PVT. LTD.
INDIA.