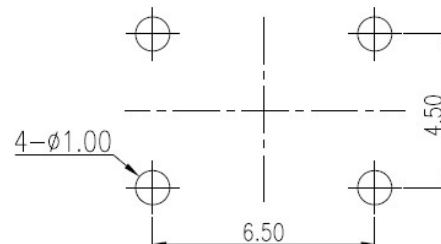
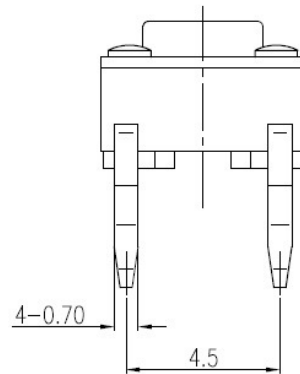
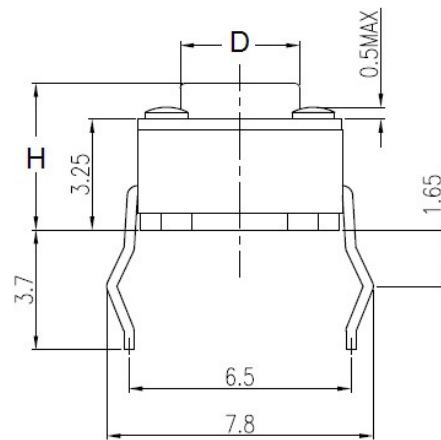
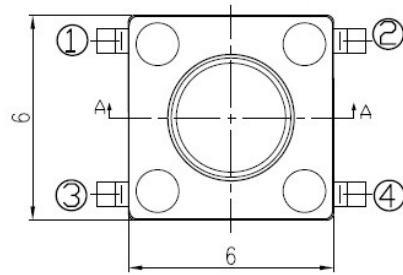
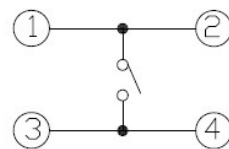


## 6x6mm STANDARD TACT SWITCH



RECOMMENDED PCB LAYOUT



CIRCUIT DIAGRAM

## 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: 160gf, option 250gf

Operating Temperature: -40 to 85 Deg. C

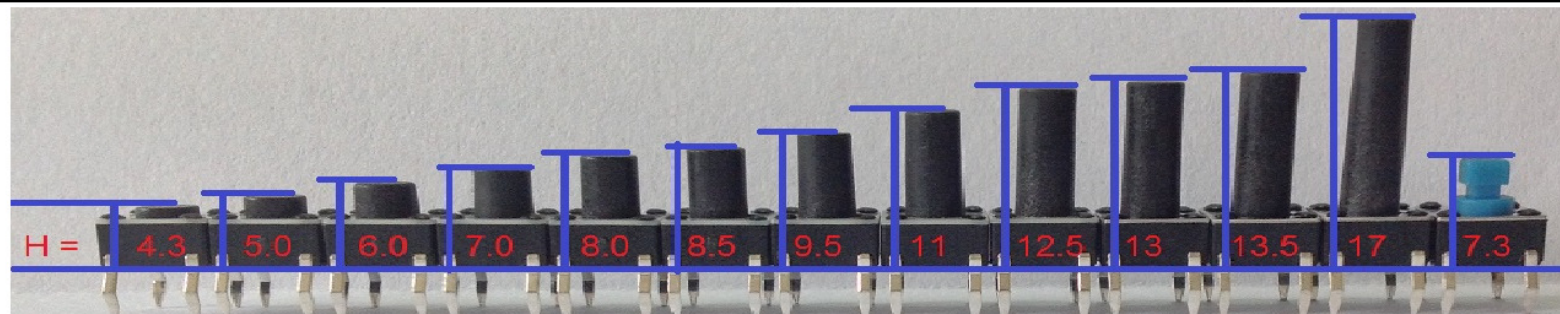
Soldering Temperature: 270 +/- 10 Deg. for 3 sec.

| Part Code  | H<br>Height | D<br>Dia. | Old Part code |
|------------|-------------|-----------|---------------|
| 60-2S2-043 | 4.3         | 3.5       | 60-2S2A       |
| 60-2S2-050 | 5.0         | 3.4       | 60-2S2B       |
| 60-2S2-060 | 6.0         | 3.3       | 60-2S2M       |
| 60-2S2-070 | 7.0         | 3.3       | 60-2S2C       |
| 60-2S2-075 | 7.5         | 3.3       |               |
| 60-2S2-080 | 8.0         | 3.3       | 60-2S2D       |
| 60-2S2-085 | 8.5         | 3.0       | 60-2S2I       |
| 60-2S2-095 | 9.5         | 3.0       | 60-2S2E       |
| 60-2S2-100 | 10.0        | 3.0       |               |
| 60-2S2-110 | 11.0        | 3.0       | 60-2S2K       |
| 60-2S2-125 | 12.5        | 3.0       | 60-2S2F       |
| 60-2S2-130 | 13.0        | 3.0       | 60-2S2J       |
| 60-2S2-135 | 13.5        | 3.0       | 60-2S2G       |
| 60-2S2-170 | 17.0        | 3.0       | 60-2S2H       |

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INDIA.

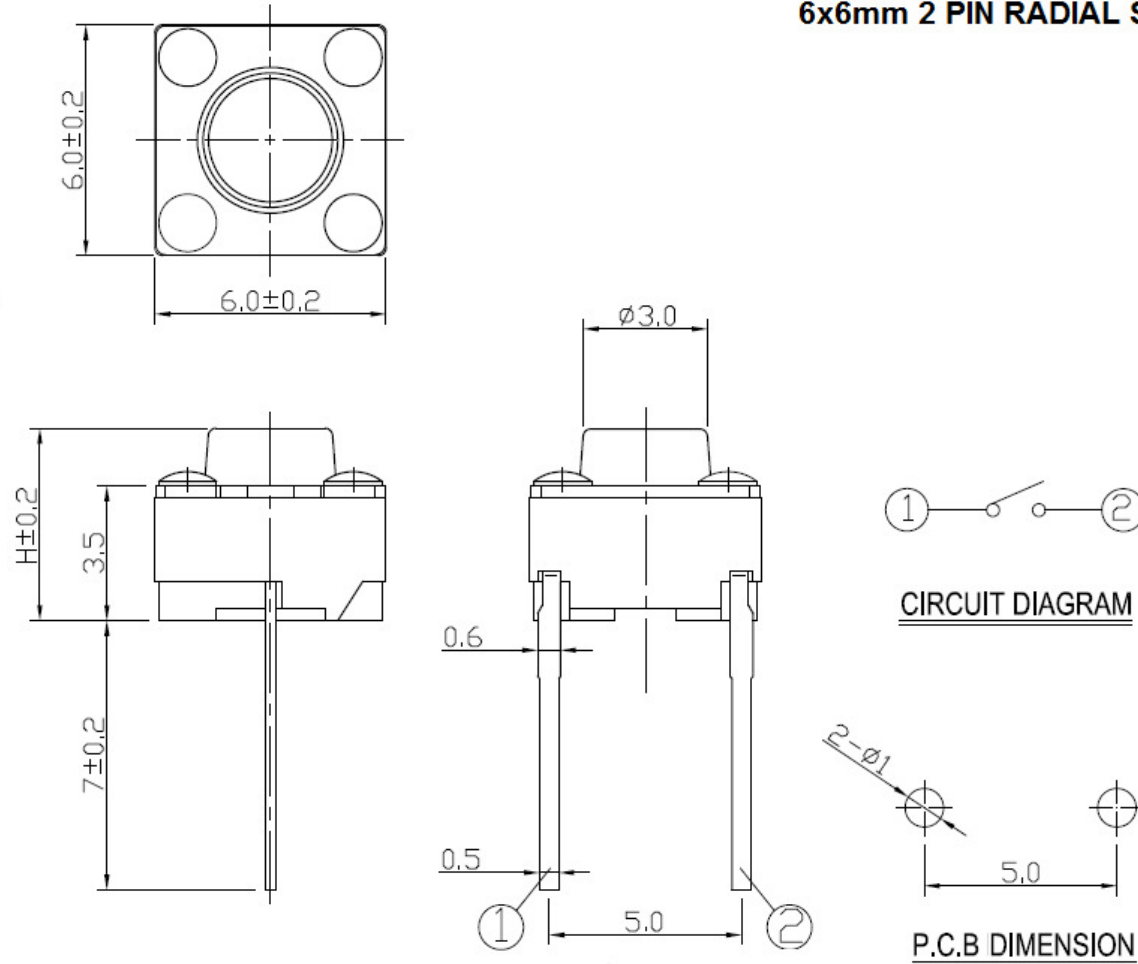
Rev. 00 date 1/1/2018

Dimensional tolerance +/- 0.2mm



## 6x6mm 2 PIN RADIAL SWITCH

ROHS COMPLIANT



### 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: 160gf, option 250gf

Operating Temperature: -40 to 85 Deg. C

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

### Part Code

| Part Code  | H = Height mm |
|------------|---------------|
| 60-2A2-043 | 4.3           |
| 60-2A2-050 | 5.0           |
| 60-2A2-060 | 6.0           |
| 60-2A2-070 | 7.0           |
| 60-2A2-080 | 8.0           |
| 60-2A2-085 | 8.5           |
| 60-2A2-095 | 9.5           |
| 60-2A2-100 | 10.0          |
| 60-2A2-110 | 11.0          |
| 60-2A2-125 | 12.5          |
| 60-2A2-130 | 13.0          |
| 60-2A2-135 | 13.5          |
| 60-2A2-170 | 17.0          |

### Raw Material:

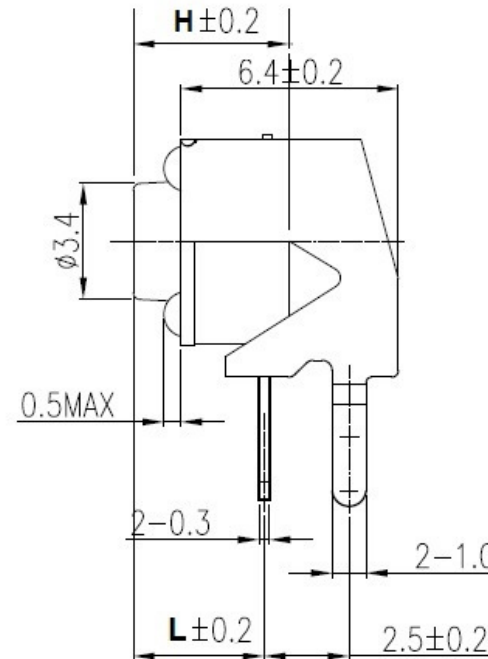
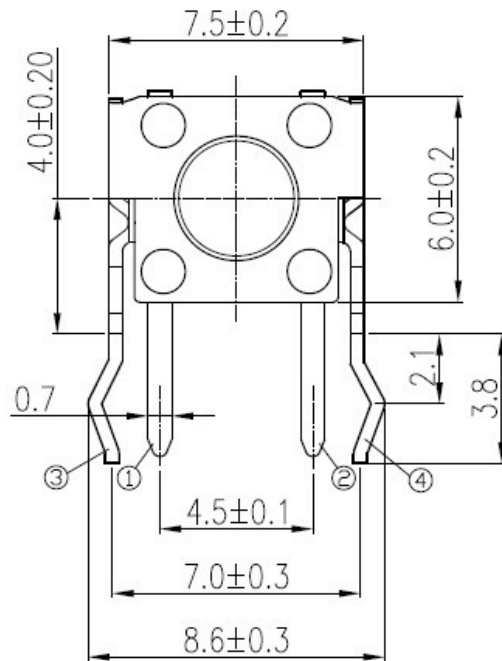
| S.NO. | PART               | MATERIAL                    | QTY |
|-------|--------------------|-----------------------------|-----|
| 1     | BASE               | PA66/NYLON6/6               | 1   |
| 2     | TERMINAL           | Brass Silver Plated         | 2   |
| 3     | DOME CONTACT       | Phosphor Bronze/Silver Clad | 1   |
| 4     | KNOB               | PA 66                       | 1   |
| 5     | STATIONERY CONTACT | Brass Silver Plated         | 1   |
| 6     | COVER              | Plastic Film                | 1   |

DO NOT SCALE DRAWING  
DIMENSIONS IN MM  
GENERAL TOLERANCE +/-0.2MM



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VADODARA, 390010.  
INDIA

# 6x6mm Right angle (vertical) TACT SWITCH



## SPECIFICATIONS:

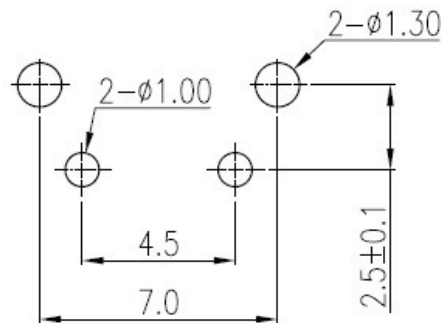
Rating: 50mA x 12V DC

Contact resistance: 100 mOhms max.

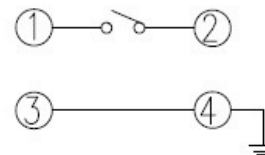
Proof Voltage: 250V AC for 1 minute

Insulation Resistance: 100 MOhms minimum/100VDC

Operating Life: 100,000 cycles PhBz contact



RECOMMENDED PCB LAYOUT



CIRCUIT DIAGRAM

| PART CODE   | L     | H    | OLD PART CODE |
|-------------|-------|------|---------------|
| 60-2V2-315  | 3.15  | 4.3  | 60-2V1A       |
| 60-2V2-385  | 3.85  | 5.0  | 60-2V1B       |
| 60-2V2-485  | 4.85  | 6.0  | 60-2V1M       |
| 60-2V2-585  | 5.85  | 7.0  | 60-2V1C       |
| 60-2V2-685  | 6.85  | 8.0  | 60-2V1D       |
| 60-2V2-735  | 7.35  | 8.5  | 60-2V1I       |
| 60-2V2-835  | 8.35  | 9.5  | 60-2V1E       |
| 60-2V2-985  | 9.85  | 11.0 | 60-2V1K       |
| 60-2V2-1135 | 11.35 | 12.5 | 60-2V1F       |
| 60-2V2-1185 | 11.85 | 13.0 | 60-2V1J       |
| 60-2V2-1235 | 12.35 | 13.5 | 60-2V1G       |
| 60-2V2-1585 | 15.85 | 17.0 | 60-2V1H       |

Dimensional tolerance +/- 0.2mm

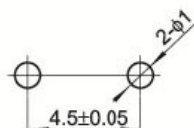
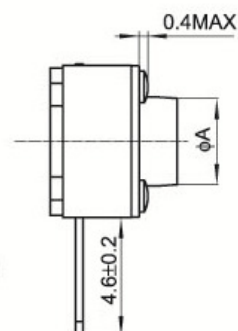
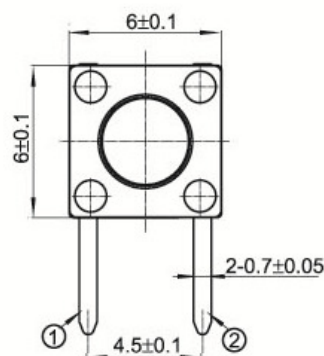
ROHS COMPLIANT

Rev.00 date 19/02/2018

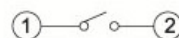
**P** PRAN ELECTRONICS PVT. LTD.  
INDIA.



## 6x6 Right Angle Switch with FLAT COVER 2 PIN switch



RECOMMENDED PCB LAYOUT



CIRCUIT DIAGRAM

### 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

| Part Code    | H mm |
|--------------|------|
| 60-2V2-043-P | 4.3  |
| 60-2V2-050-P | 5.0  |
| 60-2V2-060-P | 6.0  |
| 60-2V2-070-P | 7.0  |
| 60-2V2-075-P | 7.5  |
| 60-2V2-080-P | 8.0  |
| 60-2V2-085-P | 8.5  |
| 60-2V2-095-P | 9.5  |
| 60-2V2-100-P | 10.0 |
| 60-2V2-110-P | 11.0 |
| 60-2V2-125-P | 12.5 |
| 60-2V2-130-P | 13.0 |
| 60-2V2-135-P | 13.5 |
| 60-2V2-170-P | 17.0 |

Dimensional tolerance +/- 0.2mm

ROHS COMPLIANT

Rev.00 date 19/02/2018



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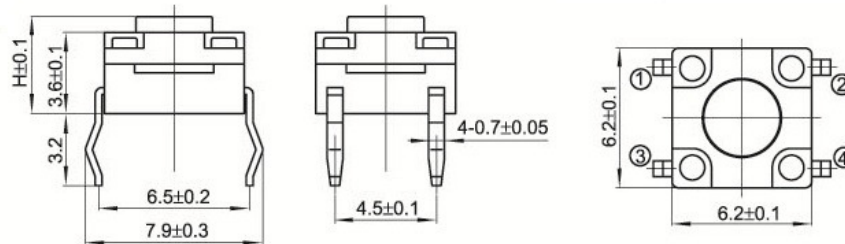
## 6x6mm Waterproof switch



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

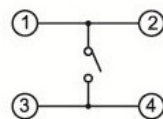
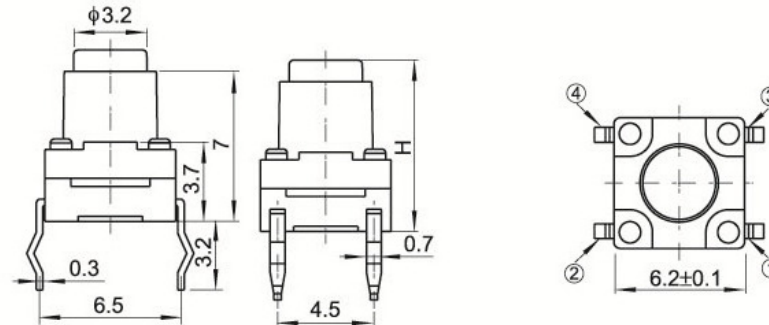
5mm = 050

17mm = 170

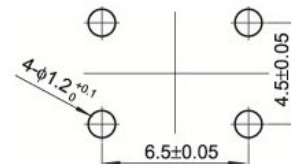
Example Part code: 60-2S2-090-WP = 9mm height



For H = 10 to 17mm



Circuit Diagram



PCB layout

