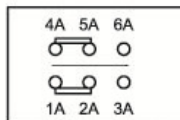
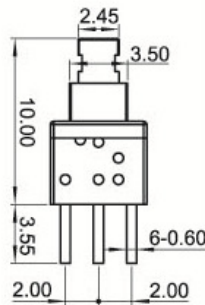
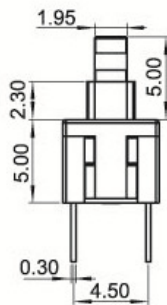
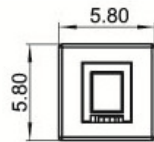
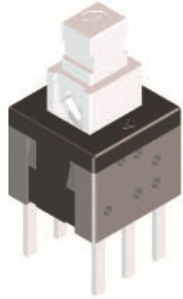


PUSH SWITCH 5.8 X 5.8 X 10MM

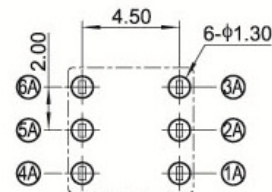
PART CODE: PS2258-NL (NON LOCK)

PART CODE: PS2258-SL (SELF LOCK, PUSH ON PUSH OFF)

ROHS COMPLIANT



Circuit Diagram



PCB Layout Recommended

SPECIFICATIONS

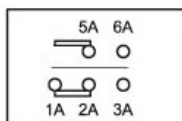
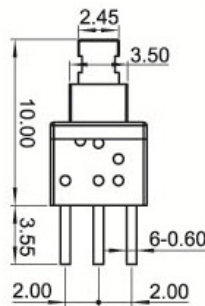
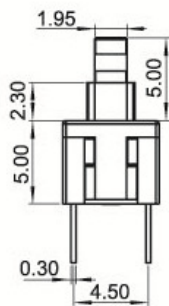
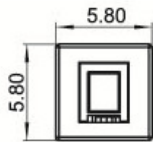
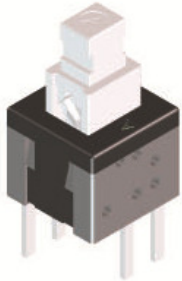
Items		Standard
Operating temperature range		-30°C to +85°C
Electrical performance	Rating	10mA, 30V DC
	Insulation resistance	100MΩ min. 500V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	10,000 Cycles min.
Operating force		180gf

PUSH SWITCH 5 PIN 5.8 X 5.8 X 10MM

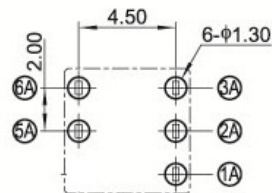
PART CODE: PS2258-5PIN-NL (NON LOCK)

PART CODE: PS2258-5PIN-SL (SELF LOCK, PUSH ON PUSH OFF)

ROHS COMPLIANT



Circuit Diagram



PCB Layout Recommended

## SPECIFICATIONS

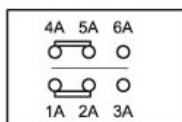
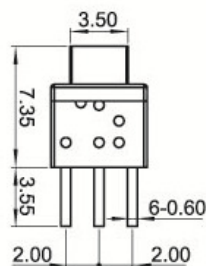
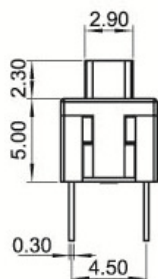
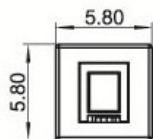
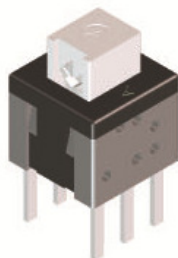
Items		Standard
Operating temperature range		-30°C to +85°C
Electrical performance	Rating	10mA, 30V DC
	Insulation resistance	100MΩ min. 500V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	10,000 Cycles min.
Operating force		180gf



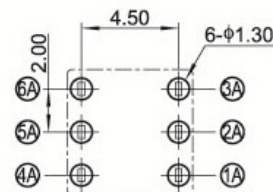
PUSH SWITCH 5.8 X 5.8 X 7.35MM

PART CODE: PS-2258-735-NL (NON LOCK)  
 PART CODE: PS-2258-735-SL (SELF LOCK, PUSH ON PUSH OFF)

ROHS COMPLIANT



Circuit Diagram



PCB Layout Recommended

SPECIFICATIONS

Items		Standard
Operating temperature range		-30°C to +85°C
Electrical performance	Rating	10mA, 30V DC
	Insulation resistance	100MΩ min. 500V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	10,000 Cycles min.
Operating force		180gf



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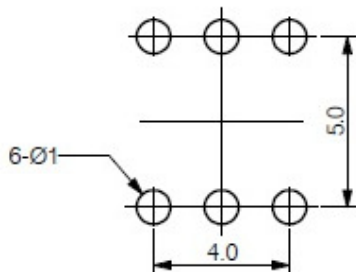
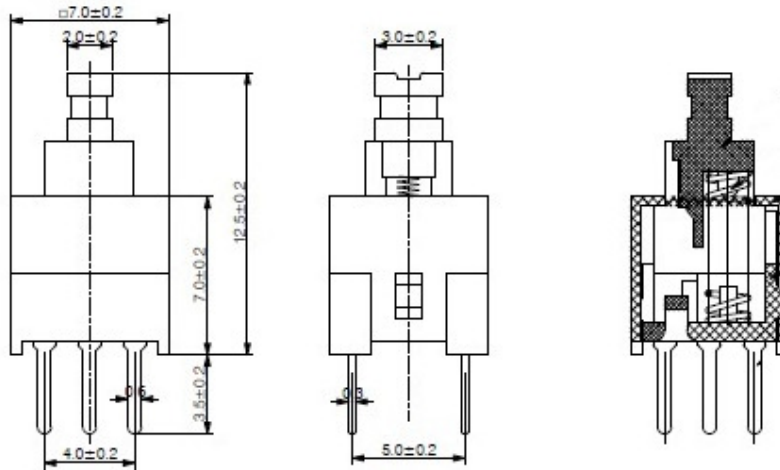
E-mail : info@pranelectronics.com Web : www.pranelectronics.com

AN ISO 9001 : 2015 COMPANY

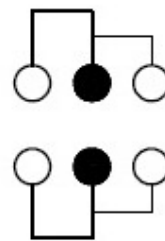
CIN NO:U32100GJ1998PTC092136

**PUSH SWITCH 2Pole Non Locking 7x7mm**  
**Part code: PS-2270-NL**

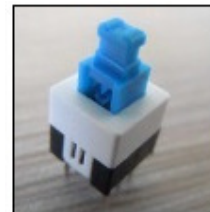
**RoHS Compliant**  
**Rev. 00 date 16/01/2013**



PCB LAYOUT



CIRCUIT DIAGRAM



### SPECIFICATIONS:

1. Rating: 30V DC 100mA
2. Contact resistance initial: 100 milli ohms maximum
3. Contact resistance after life: 200 milli ohms maximum
4. Insulation resistance: 100 M ohms at 500VDC
5. Proof Voltage: 500 VAC for 1 minute
6. Travel:  $2 \pm 0.2$  mm
7. Operating force:  $200 \pm 50$ gf
8. Operating life: 10000 cycles mechanical, 6000 cycles electrical
9. Operating Temperature: -20 to 70 Deg. C
10. General tolerance:  $\pm 0.2$ mm



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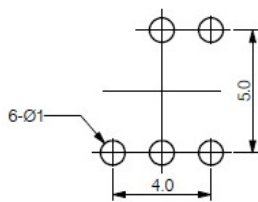
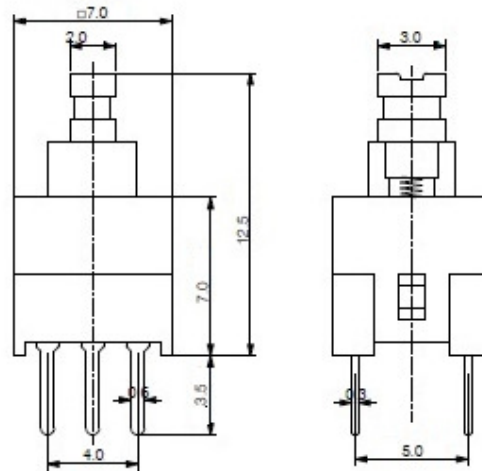
E- mail : info@pranelectronics.com Web : www.pranelectronics.com

**AN ISO 9001 : 2015 COMPANY**

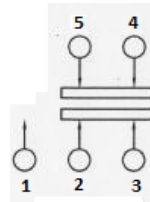
CIN NO. : U32100GJ1998PTC092136

**PUSH SWITCH 2Pole Non Locking**  
**Part code: PS-2270-5PIN-NL**

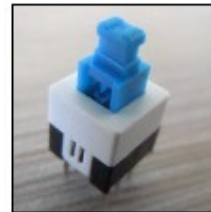
**RoHS Compliant**  
**Rev. 01 date 02/01/2020\***



PCB LAYOUT



CIRCUIT DIAGRAM



### SPECIFICATIONS:

1. Rating: 30V DC 100mA
2. Contact resistance initial: 100 milli ohms maximum
3. Contact resistance after life: 200 milli ohms maximum
4. Insulation resistance: 100 M ohms at 500VDC
5. Proof Voltage: 500 VAC for 1 minute
6. Travel:  $2 \pm 0.2$  mm
7. Operating force:  $200 \pm 50$ gf
8. Operating life: 10000 cycles mechanical, 6000 cycles electrical
9. Operating Temperature: -40 to 80 Deg. C
10. General tolerance:  $\pm 0.3$ mm

\*Rev.00 – 5 PIN switch, Terminal No. 6 is CUT/MISSING

\*Rev.01 – Operating temperature change





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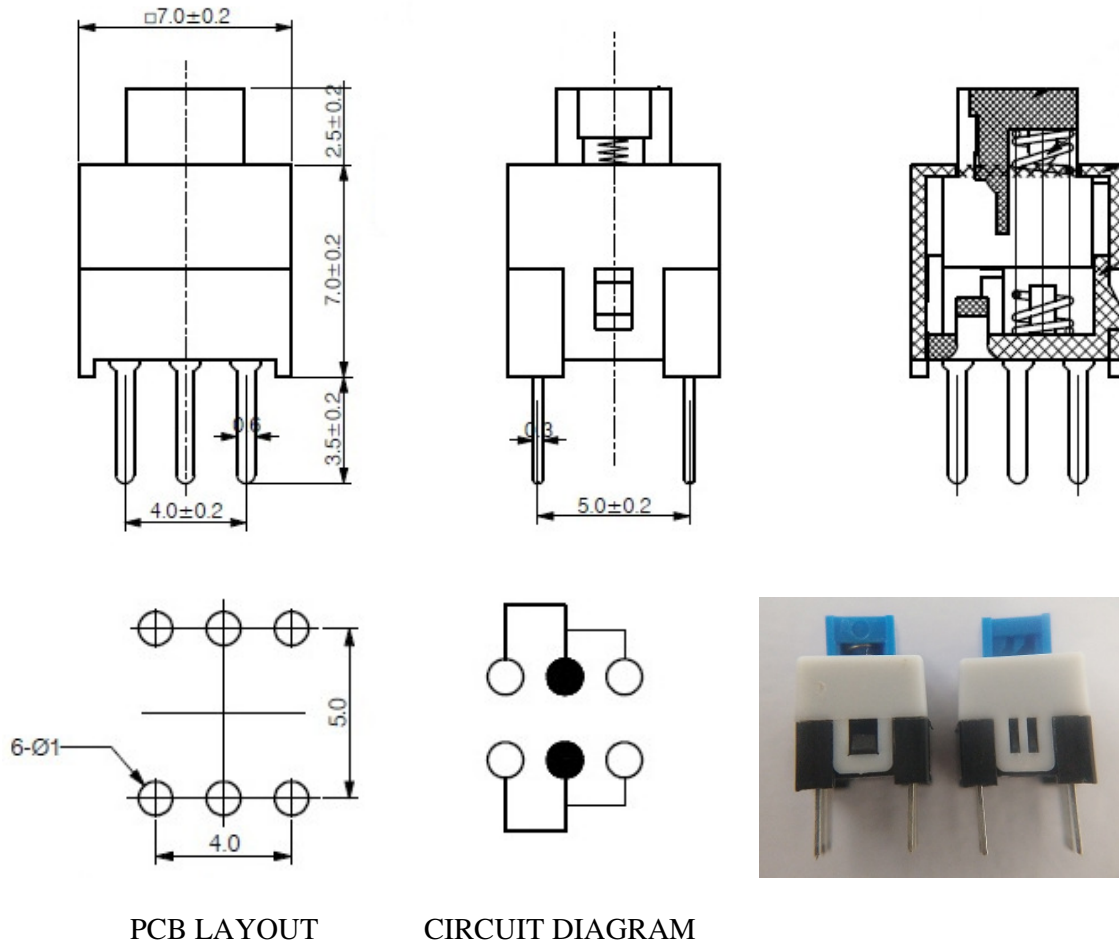
Phone : +91 265 2635918, 2635920, 9727158028

E-mail : info@pranelectronics.com Web : www.pranelectronics.com

AN ISO 9001 : 2015 COMPANY

CIN NO:U32100GJ1998PTC092136

**PUSH SWITCH 2Pole Non Locking 7x7x9.5mm** **RoHS Compliant**  
**Part code: PS-2270-095-NL** **Rev. 00 date 16/11/2018**



PCB LAYOUT

CIRCUIT DIAGRAM

### SPECIFICATIONS:

1. Rating: 30V DC 100mA
2. Contact resistance initial: 100 milli ohms maximum
3. Contact resistance after life: 200 milli ohms maximum
4. Insulation resistance: 100 M ohms at 500VDC
5. Proof Voltage: 500 VAC for 1 minute
6. Travel:  $2 \pm 0.2$  mm
7. Operating force:  $200 \pm 50$ gf
8. Operating life: 10000 cycles mechanical, 6000 cycles electrical
9. Operating Temperature: -20 to 70 Deg. C
10. General tolerance:  $\pm 0.2$ mm

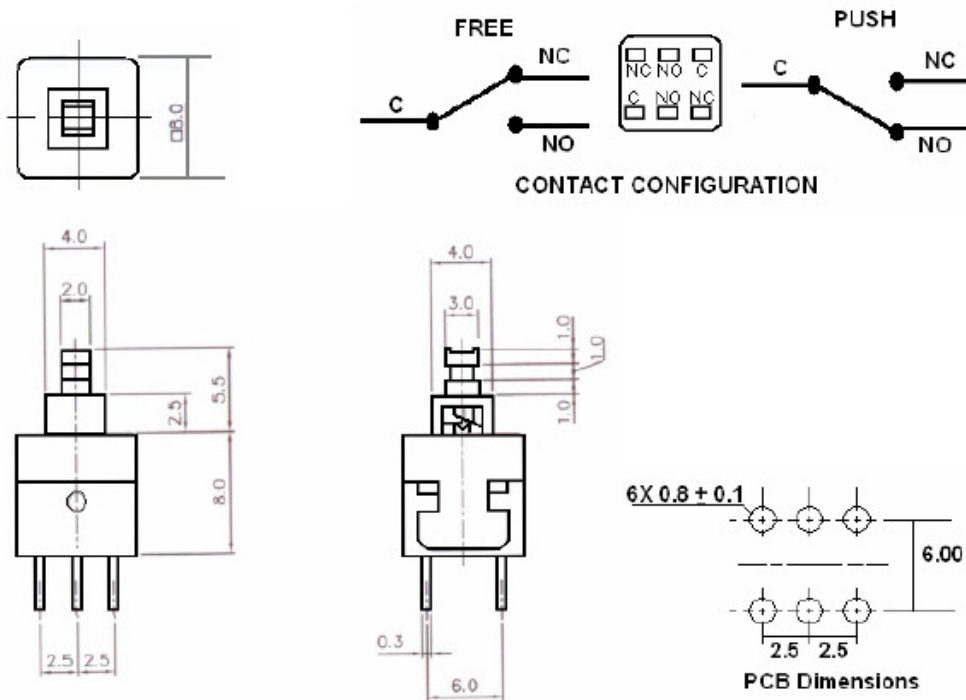


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E-mail : info@pranelectronics.com Web : www.pranelectronics.com

**AN ISO 9001:2000 COMPANY**

**PUSH SWITCH 2Pole 2Way Specifications: RoHS Compliant**  
**Part code: PS-2280-SL = Push to ON, Push to OFF locking switch**  
**Part code: PS-2280-NL = Push to ON, Momentary switch**



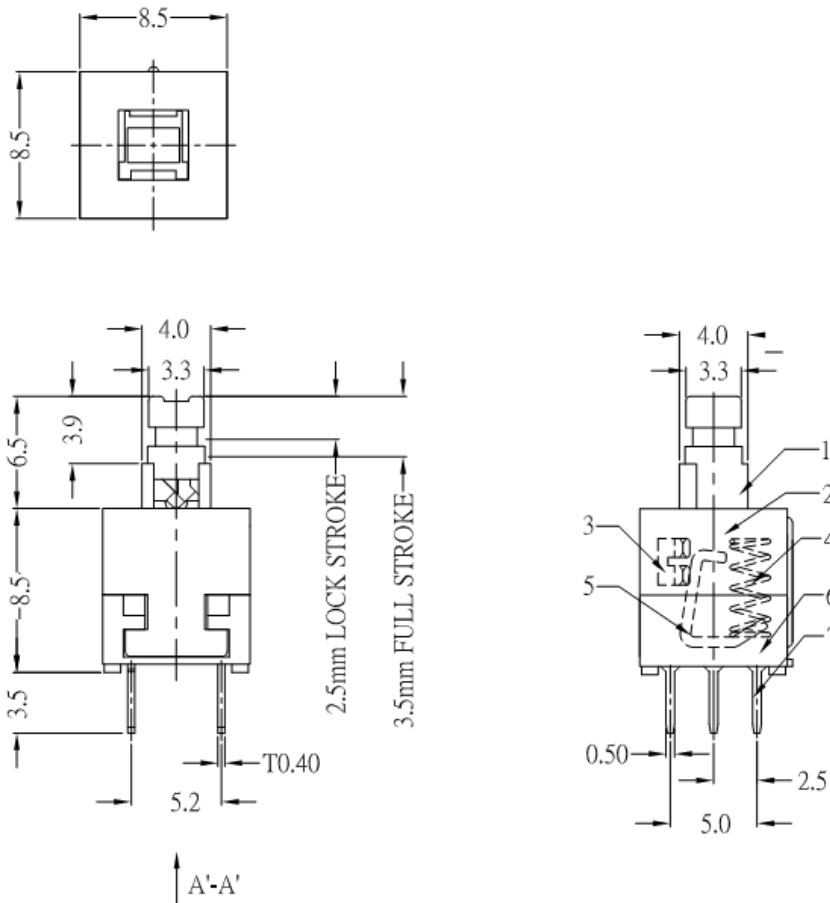
## **PUSH SWITCH 2Pole 2Way Specifications:**

1. Operating force:  $180 \pm 50$ gf
2. Full Travel:  $2.5 \pm 0.2$  mm, Lock Travel  $1.5 \pm 0.2$ mm
3. Contact material: Phosphor Bronze silver plated
4. Operating life: Minimum 10,000 cycles
5. Rating: 30V DC 100mA
6. Contact resistance: 30 milli Ohms maximum
7. Insulation resistance: 100 Mohms at 500VDC
8. Proof Voltage: 500 VAC for 1 minute
9. Operating Temperature: -20 to 85 Deg. C
10. Tolerance:  $\pm 0.2$ mm



**PUSH SWITCH 2Pole 2Way Specifications: RoHS Compliant**  
**Part code: PS-2285-SL = Push to ON, Push to OFF locking switch**  
**Part code: PS-2285-NL = Push to ON, Momentary switch**

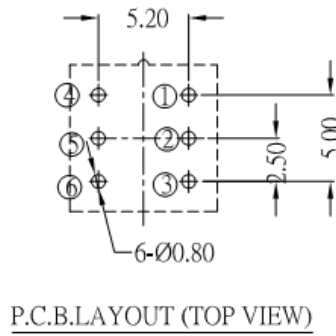
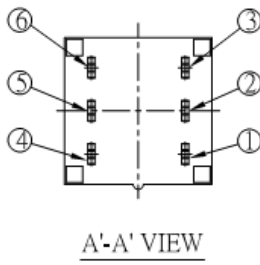
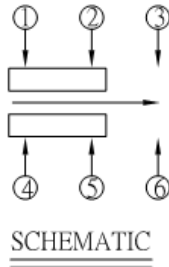
**Drawing:**







**PUSH SWITCH 2Pole 2Way Specifications: RoHS Compliant**  
**Part code: PS-2285-SL = Push to ON, Push to OFF locking switch**  
**Part code: PS-2285-NL = Push to ON, Momentary switch**



**Specifications:**

1. Operating force: 350 + 50gf
2. Full Travel: 3.5 + 0.2 mm, Lock Travel 2.5 + 0.2mm
3. Contact material: Phosphor Bronze silver plated
4. Operating life: 10,000 cycles
5. Rating: 30V DC 100mA
6. Contact resistance: 30 milli Ohms maximum
7. Insulation resistance: 100 Mohms at 500VDC
8. Proof Voltage: 500 VAC for 1 minute
9. Operating Temperature: -20 to 85 Deg. C
10. General tolerance: +0.2mm