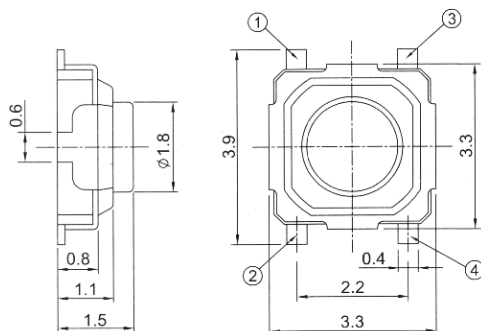
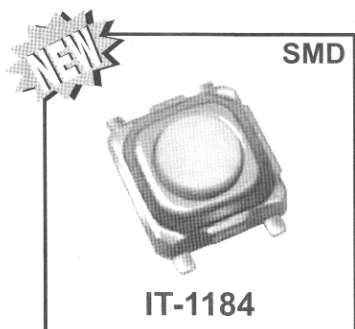
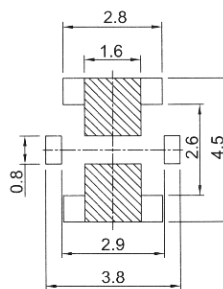
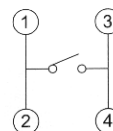




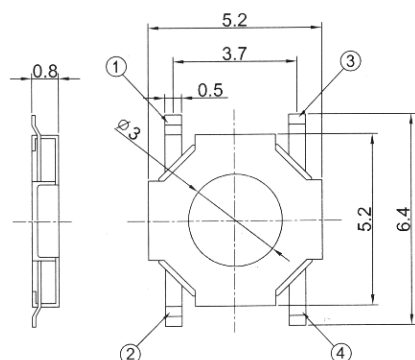
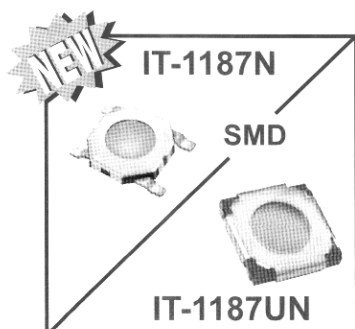
P.C.B LAND DIMENSION



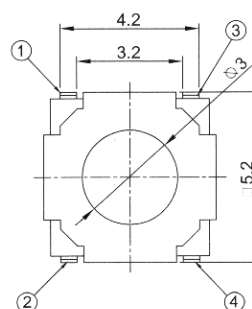
CIRCUIT DIAGRAM



Rating: 50mA 12V DC Max.  
Travel:  $0.25 \pm 0.1$ mm.  
Contact resistance: 100m $\Omega$  Max.  
Operating force: 160, 250 $\pm$ 50g.  
Life: 100,000 Cycles Min.

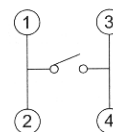


**IT-1187N**

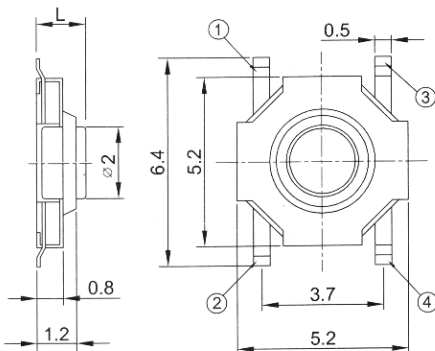
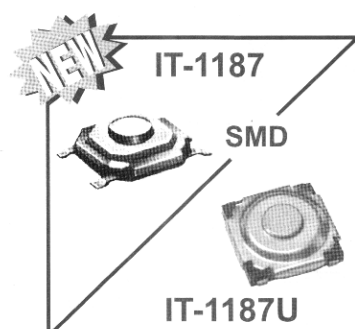


**IT-1187UN**

CIRCUIT DIAGRAM

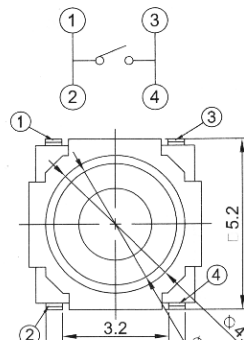


Rating: 50mA 12V DC Max.  
Circuit: SPST.  
Travel:  $0.25 \pm 0.1$ mm.  
Contact resistance: 100m $\Omega$  Max.  
Operating force: 160, 250 $\pm$ 50g.  
Life: 100,000 Cycles Min.



**IT-1187**

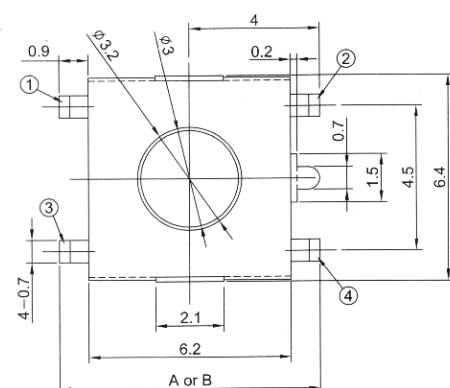
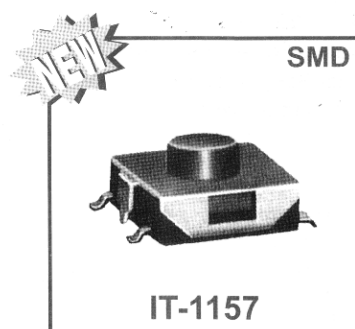
CIRCUIT DIAGRAM



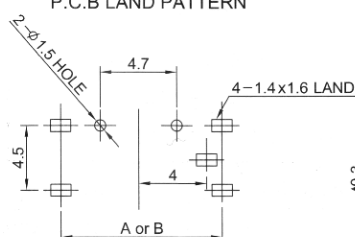
**IT-1187U**

| MODEL NO.     | KNOB (L) |
|---------------|----------|
| IT-1187 , U   | 1.5      |
| IT-1187A , UA | 4.3      |
| IT-1187B , UB | 1.7      |

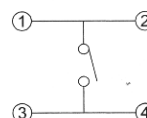
Rating: 50mA 12V DC Max.  
Circuit: SPST.  
Travel:  $0.25 \pm 0.1$ mm.  
Contact resistance: 100m $\Omega$  Max.  
Operating force: 160, 250 $\pm$ 50g.  
Life: 100,000 Cycles Min.



P.C.B LAND PATTERN



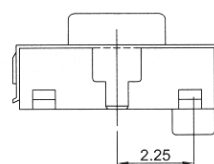
CIRCUIT DIAGRAM



| Ter' Lengh |    | Stem Height |     |
|------------|----|-------------|-----|
| A          | 8  | S           | 2.5 |
| B          | 10 | H           | 3.1 |

**IT-1157XXXX**

| Embossing Case |     | Ground Cover |     |
|----------------|-----|--------------|-----|
| E              | W/  | P            | W/  |
| N              | W/O | D            | W/O |



Rating: 50mA 12V DC .  
Travel:  $0.25 \pm 0.1$ mm.  
Contact resistance: 100m $\Omega$  Max.  
Operating force: 130 $\pm$ 30g,  
160, 250 $\pm$ 50g.  
Life: 100,000 Cycles Min.