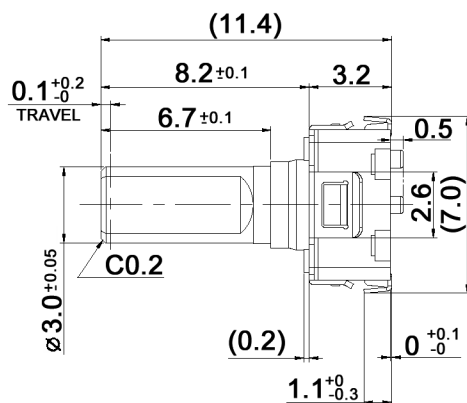
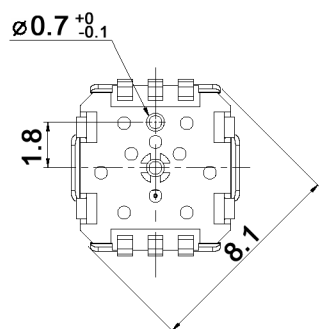
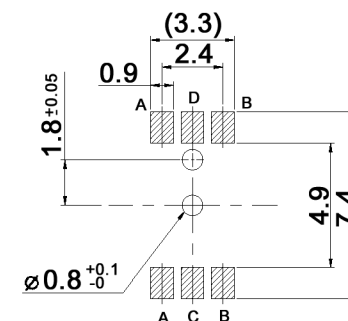


CIRCUIT DIAGRAM



P.C.B. MOUNTING HOLE  
DETAIL



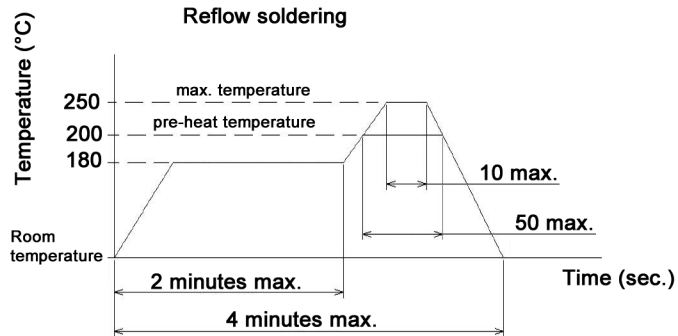
Compliance: RohS III (2015/863/EU)

|                                                              |      |      |          |      |                |      |  |
|--------------------------------------------------------------|------|------|----------|------|----------------|------|--|
| Tolerances: L≤10: ±0.3 mm<br>10<L: ±0.5 mm<br>100≤L: ±0.8 mm |      |      | Date     | Name | MERPS6-6111    |      |  |
|                                                              |      |      | 11/24    | dr   |                |      |  |
|                                                              |      |      |          |      |                |      |  |
|                                                              |      |      |          |      |                |      |  |
|                                                              |      |      |          |      | knitter-switch |      |  |
|                                                              |      |      |          |      |                |      |  |
|                                                              |      |      |          |      |                |      |  |
|                                                              |      |      |          |      |                |      |  |
|                                                              |      |      | 30 56 01 |      |                | Page |  |
|                                                              |      |      |          |      |                | 1/2  |  |
| Modifications                                                | Date | Name |          |      |                |      |  |

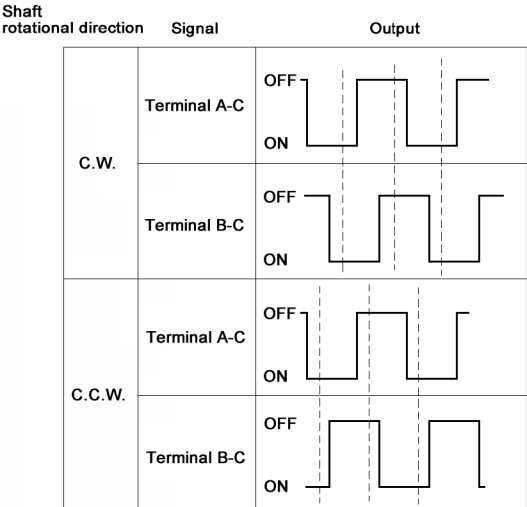
30 56 01

Specifications:

Contact rating: 10 mA, 5 V DC  
Contact resistance: 100 mOhm max.  
Insulation resistance: 50 MOhm min. at 100 V DC for 1 minute +/-5 sec.  
Dielectric strength: 100 V AC (leak current 1 mA) for 1 minute +/-5 sec.  
Operating temperature: -40°C to +85°C  
Storage temperature: -40°C to +85°C  
Detent torque: 0.15 to 0.5 Ncm  
No. and pos. of detent: 12 detents; step angle: 30° +/-3°  
No. of pulses: 12  
Rotational life: 20 000 cycles  
Switch: Mechanical life: 20 000 cycles  
Operating force: 4 +/-1 N  
Packaging unit: 500 pcs. / bag  
Soldering conditions:



OUTPUT SIGNAL FORMAT



Compliance: RohS III (2015/863/EU)

|                                                                 |      |      |                |      |             |          |  |  |      |
|-----------------------------------------------------------------|------|------|----------------|------|-------------|----------|--|--|------|
| Tolerances:    L≤10: ±0.3 mm<br>10<L: ±0.5 mm<br>100≤L: ±0.8 mm |      |      | Date           | Name | MERPS6-6111 |          |  |  |      |
|                                                                 |      |      | 11/24          | dr   |             |          |  |  |      |
|                                                                 |      |      |                |      |             |          |  |  |      |
|                                                                 |      |      |                |      |             |          |  |  |      |
|                                                                 |      |      |                |      |             |          |  |  |      |
|                                                                 |      |      |                |      |             |          |  |  |      |
|                                                                 |      |      | knitter-switch |      |             | 30 56 01 |  |  | Page |
|                                                                 |      |      |                |      |             |          |  |  | 2/2  |
|                                                                 |      |      |                |      |             |          |  |  |      |
| Modifications                                                   | Date | Name |                |      |             |          |  |  |      |