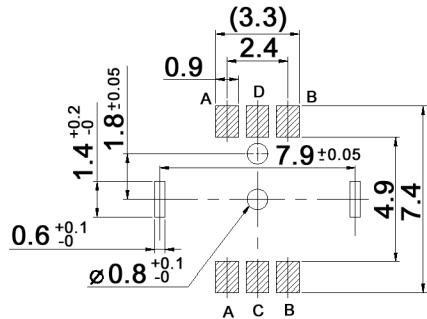
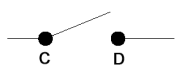


P.C.B. MOUNTING HOLE DETAIL



CIRCUIT DIAGRAM



Compliance: RohS III (2015/863/EU)

Tolerances: L≤10: ±0.3 mm 10<L: ±0.5 mm 100≤L: ±0.8 mm	Date	Name	<h1>MERPS6-6N210FPT</h1>
	11/24	dr	
Modifications	Date	Name	

**knitter-switch**

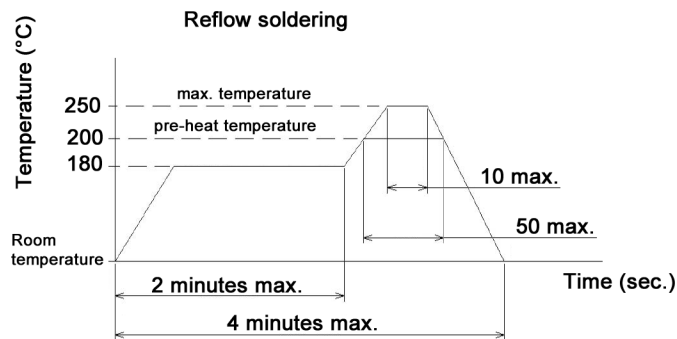
**30 56 04**

Page  
1/2

**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  
**Rotational torque:** 0.2 Ncm max.  
**No. and pos. of detent:** no detents  
**Rotational life:** 20 000 cycles  
**Switch:** Mechanical life: 20 000 cycles  
 Operating force: 4 +/-1 N

**Soldering conditions:**



**OUTPUT SIGNAL FORMAT**

Shaft rotational direction	Signal	Output
C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON
C.C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON

**Compliance: RohS III (2015/863/EU)**

<b>Tolerances:</b> L≤10: ±0.3 mm 10<L: ±0.5 mm 100≤L: ±0.8 mm	<b>Date</b>	<b>Name</b>	<b>MERPS6-6N210FPT</b>
	11/24	dr	
<b>Modifications</b>	<b>Date</b>	<b>Name</b>	

**MERPS6-6N210FPT**

**knitter-switch**

**30 56 04**