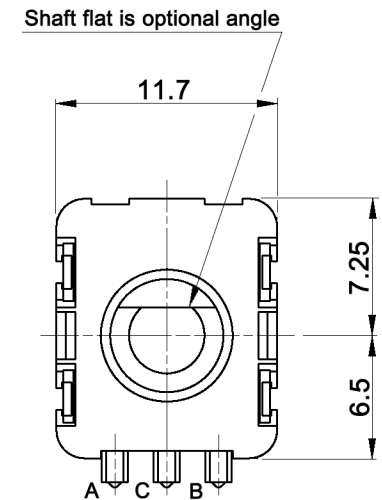
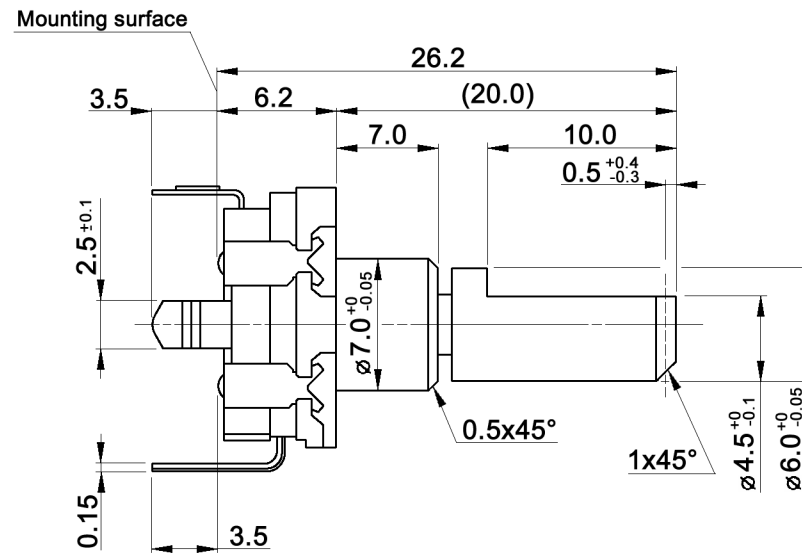
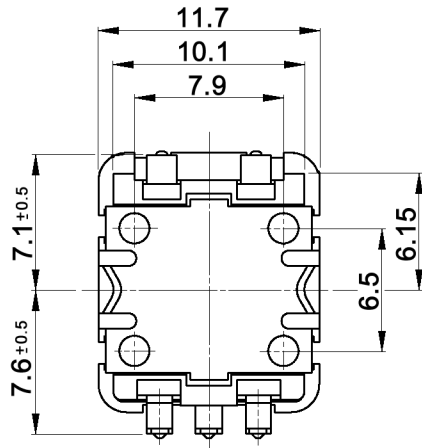
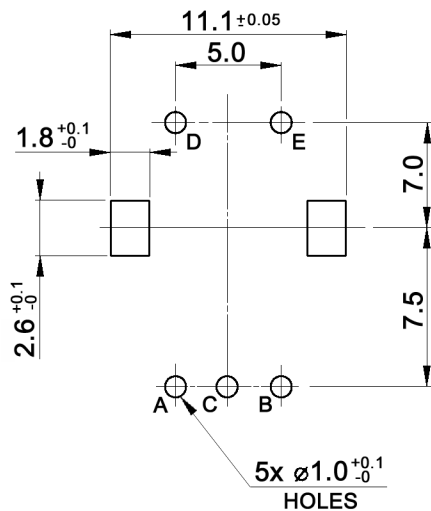




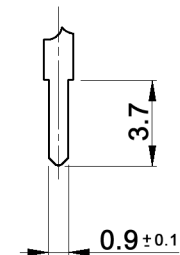
P.C.B. MOUNTING t=1.6mm



CIRCUIT DIAGRAM



TERMINAL DETAIL



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name	MERP11-15120B	
			07/08	dr		
					knitter-switch	
Temperatures	07/08	dr				
Modifications	Date	Name			30 15 24	
					Page	1/2

Specifications:

Contact rating:	10mA, 5V DC (1mA min.)
Contact resistance:	100mOhm max.
Insulation resistance:	100MOhm min. at 250V DC / 1mA
Dielectric strength:	300V AC for 1 minute
Operating temperature:	-40°C to +85°C
Storage temperature:	-40°C to +85°C
Rotational life:	15 000 cycles
Detent torque:	12 +/-7mNm
Resolution:	15 pulses
No. of detents:	30 detents; step angle: 12° +/-3°
Soldering conditions:	260 +/-5°C, 5 +/-1.0sec.
Switch:	Travel: 0.5 ^{+0.4} _{-0.3} mm
	Mechanical life: 25 000 cycles
	Operating force: 6 +/-3N

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



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name	MERP11-15120B	
			07/08	dr		
					knitter-switch	
					30 15 24	
Modifications	Date	Name				Page 2/2