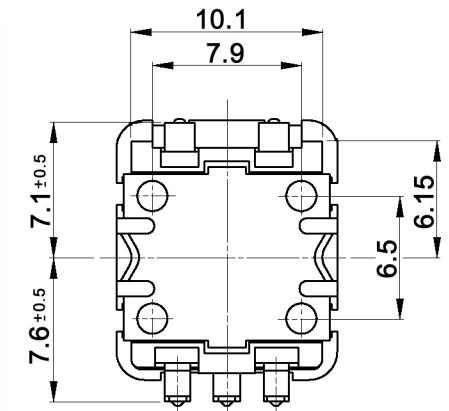
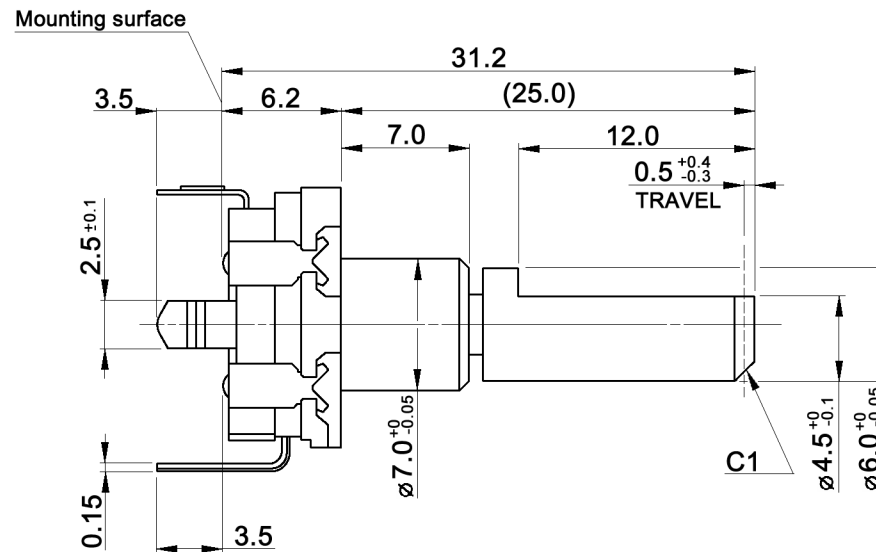
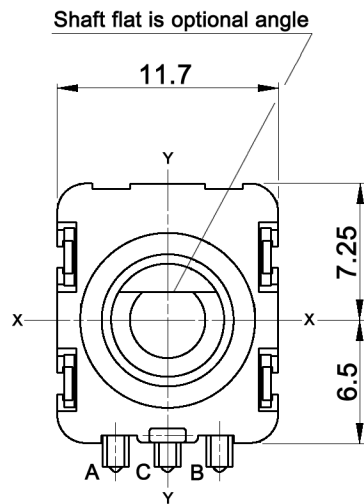
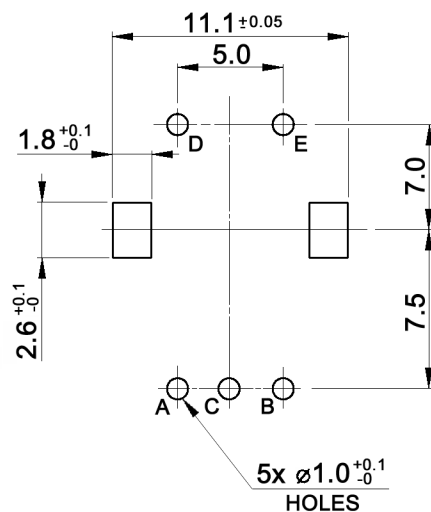
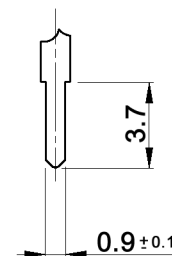




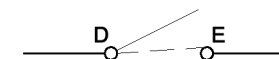
P.C.B. MOUNTING
(TOLERANCE ± 0.1)
VIEWED FROM MOUNTING SIDE
 $t=1.6\text{mm}$



TERMINAL DETAIL



CIRCUIT DIAGRAM

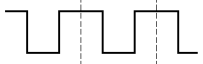
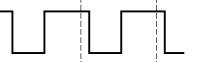
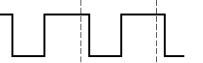
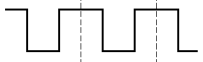


Tolerances: ≤ 10 : $\pm 0.3\text{mm}$ 10-100: $\pm 0.5\text{mm}$			Date	Name	MERP11-20125B	
			04/10	dr		
					knitter-switch	
Output signal format	03/11	dr	30 20 85			Page
Modifications	Date	Name				1/2

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: 30-200gf.cm
 Resolution: 20 pulses
 No. of detents: 20 detents; step angle: 18° +/-3°
 Soldering conditions: 260 +/-5°C, 5 +/-1.0sec.
 Switch: Travel: 0.5^{+0.4}_{-0.3} mm
 Mechanical life: 20 000 cycles
 Operating force: 600 +/-300gf

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	MERP11-20125B	
			04/10	dr		
					knitter-switch	
					30 20 85	
Modifications	Date	Name				Page 2/2