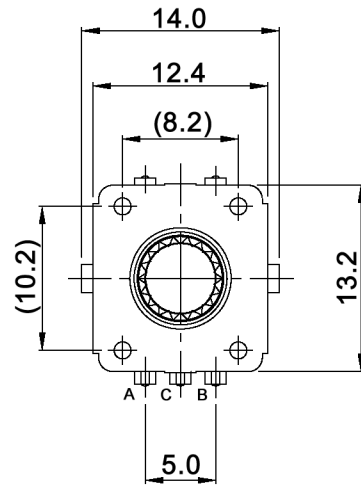
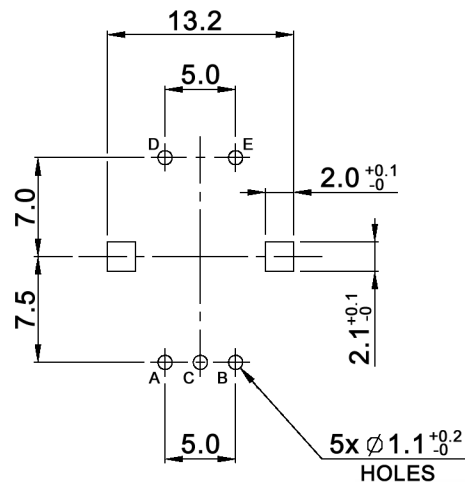
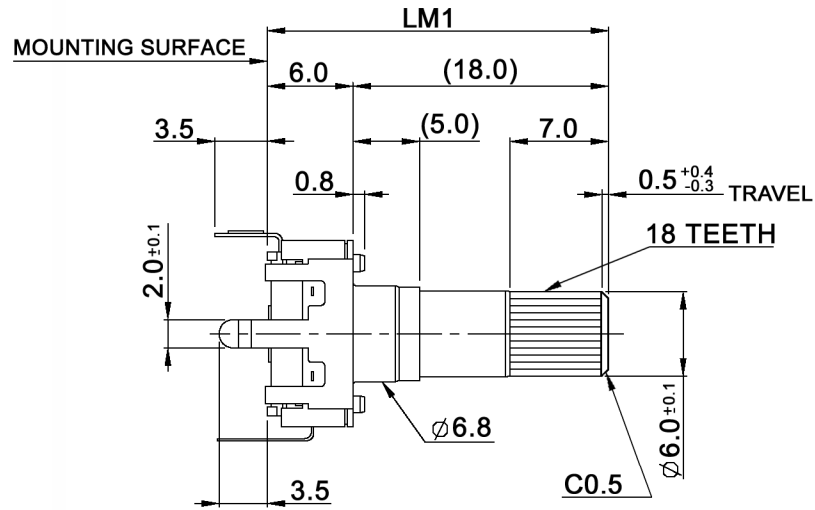




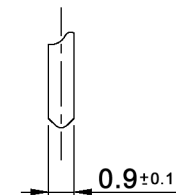
P.C.B. MOUNTING DETAIL
(TOLERANCE ± 0.1)
VIEWED FROM MOUNTING SIDE
 $t=1.6\text{mm}$



CIRCUIT DIAGRAM



TERMINAL DETAIL



h	LM1
20	20 mm
24	24 mm

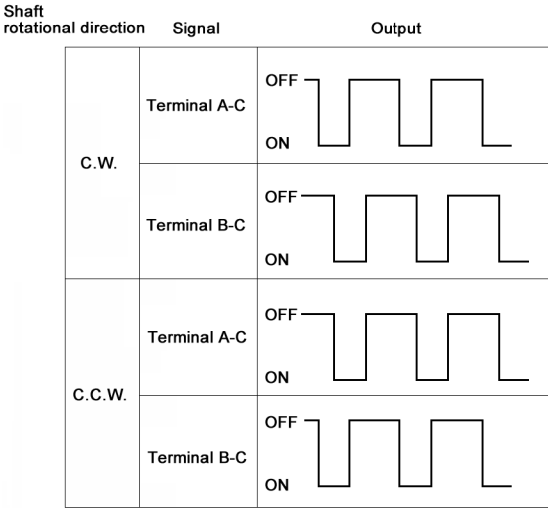
Compliance: RohS II (2011/65/EU)

Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name	MERP12-24N2h		
			09/11	dr			
					30 24 50		Page
Material	03/14	dr	knitter-switch				1/2
Shaft length	09/12	dr					
Modifications	Date	Name					

Specifications:

Contact rating: 0.5mA, 5V DC
Contact resistance: 100mOhm max.
Insulation resistance: 100MOhm min. at 250V DC
Dielectric strength: 300V AC for 1 minute
Operating temperature: -40°C to +85°C
Storage temperature: -40°C to +85°C
Rotational life: 30 000 cycles
Rotational torque: 50gf.cm (max.)
Resolution: 24 pulses / 360° for each phase
Soldering conditions: 260 +/-5°C, 5 +/-1sec.
Switch: Switch rating: 10mA, 5V DC
Mechanical life: 20 000 cycles
Operating force: 300 +150/-100gf
Material: Case: PBT, UL94 HB
Shaft: PC, UL94V-2
Frame: steel, tin plated
Terminals: copper alloy, silver plated

OUTPUT SIGNAL FORMAT



Compliance: RohS II (2011/65/EU)

Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name	MERP12-24N2h		
			09/11	dr			
			knitter-switch		30 24 50		Page
							2/2
Modifications	Date	Name					