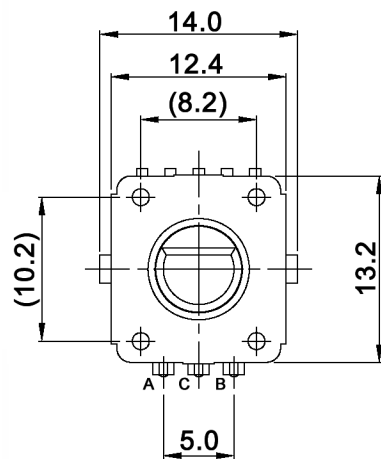
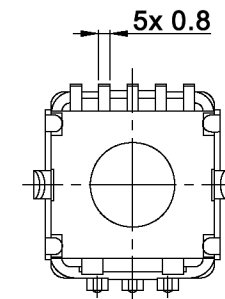
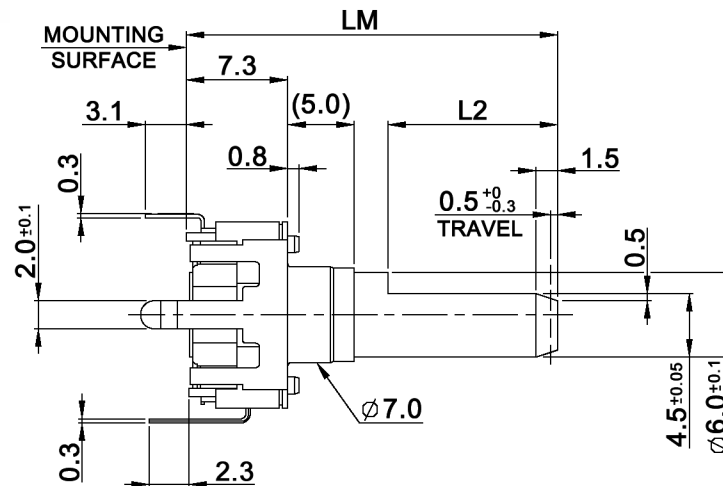
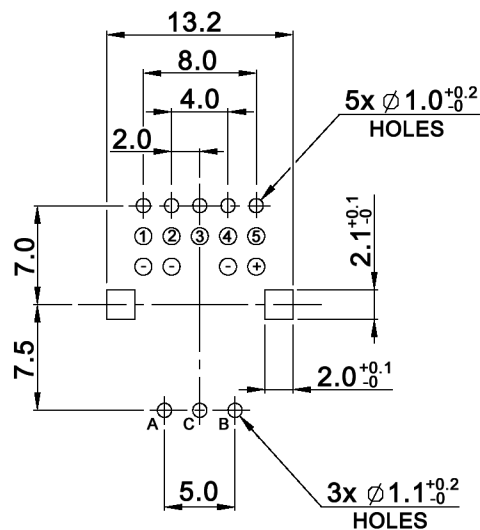




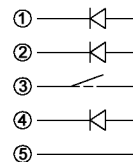
SHAFT FLAT IS OPTIONAL ANGLE



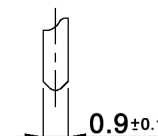
P.C.B. MOUNTING
(TOLERANCE ± 0.1)
VIEWED FROM MOUNTING SIDE
 $t=1.4\text{mm}$



CIRCUIT DIAGRAM



TERMINAL DETAIL



h	LM	L2
18.5	18.8	5.0
21	21.3	7.0
26	26.3	12.0
31	31.3	12.0

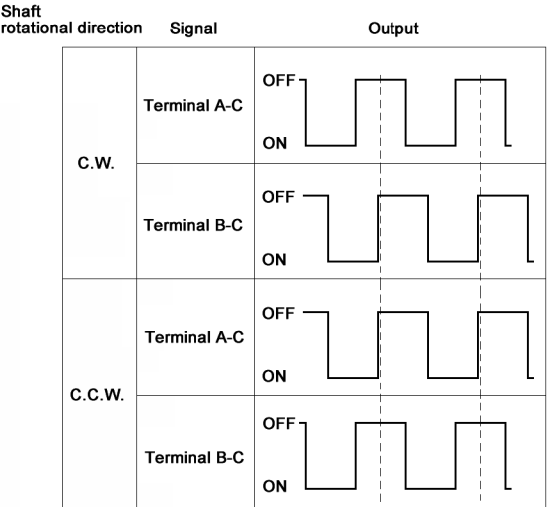
Compliance: RohS III (2015/863/EU)

Tolerances: ≤ 10 : $\pm 0.3\text{mm}$ 10-100: $\pm 0.5\text{mm}$			Date 12/12	Name dr	MERP12-241hM	
Revised	07/22	dr	knitter-switch		30 27 56	Page
Case height	06/22	dr				1/2
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
Resolution: 24 pulses / 360° for each phase
Detent torque: 30-200gf.cm
No. and pos. of detents: 24 detents; step angle: 15° +/-3°
Rotational life: 30 000 cycles
Soldering conditions: 260 +/-5°C, 5 +/-1sec.
Switch: Switch rating: 10mA, 5V DC
Mechanical life: 20 000 cycles
Operating force: 450 +/-200gf

OUTPUT SIGNAL FORMAT



LED CHARACTERISTIC:

LED color	Power dissipation (mW)	DC Forward current (mA)	Typ (V)	Max. (V)
red	60	25	2.0	2.4
green	110	25	3.3	3.7
blue	110	25	3.3	3.7

Compliance: RohS III (2015/863/EU)

Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm		Date 12/12	Name dr	MERP12-241hM	
Revised	07/22	dr	knitter-switch		30 27 56
Case height	06/22	dr			
Modifications	Date	Name			Page 2/2