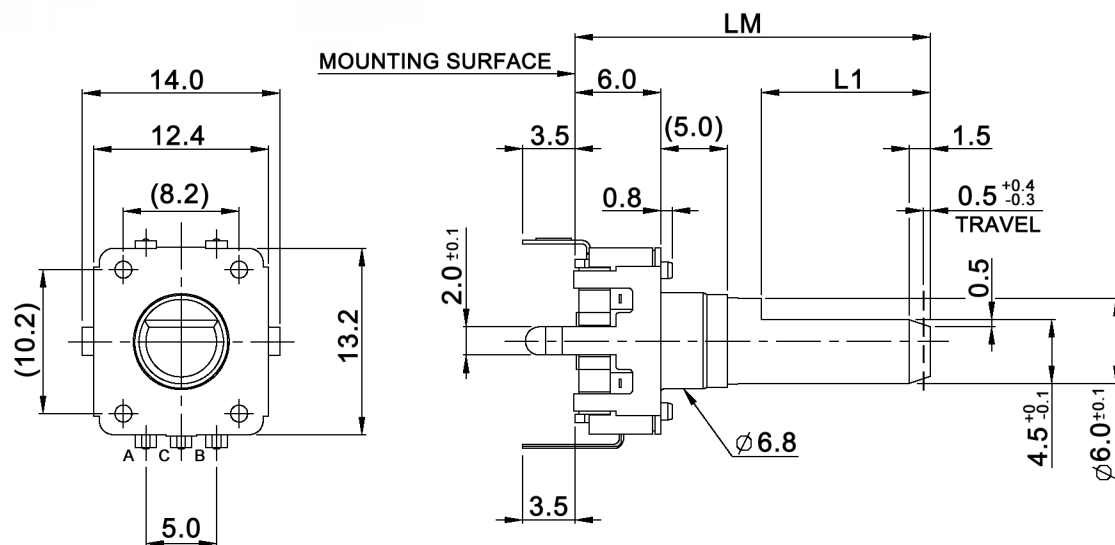
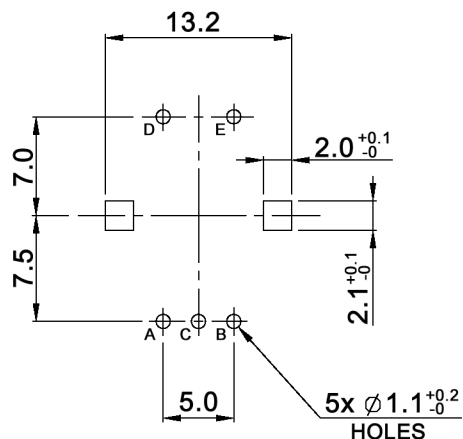




SHAFT FLAT IS OPTIONAL ANGLE

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



Specifications:

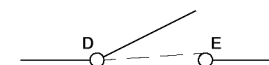
Contact rating:	10mA, 5V DC
Contact resistance:	100mOhm max.
Insulation resistance:	100MOhm min. at 250V DC
Dielectric strength:	300V AC for 1 minute
Operating temperature:	-40°C to +85°C
Storage temperature:	-40°C to +85°C
Resolution:	12 pulses / 360° for each phase
Detent torque:	30-200gf.cm
No. and pos. of detents:	12 detents; step angle: 30° $\pm 3^\circ$
Rotational life:	30 000 cycles
Soldering conditions:	260 $\pm 5^\circ\text{C}$, 5 $\pm 1\text{sec}$.
Switch:	Mechanical life: 20 000 cycles Operating force: 300 $\pm 150/-100\text{gf}$

OUTPUT SIGNAL FORMAT

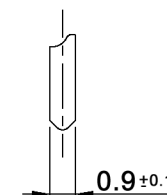
Shaft rotational direction	Signal	Output
C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON
C.C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON

h	LM	L1
17.5	17.5	5.0
20	20.0	7.0
25	25.0	12.0
30	30.0	12.0

CIRCUIT DIAGRAM



TERMINAL DETAIL



Tolerances: ≤ 10 : $\pm 0.3\text{mm}$ 10-100: $\pm 0.5\text{mm}$			Date	Name	MERP12-12P1h	
			03/11	dr		
					knitter-switch	
					30 23 45	
Rename	04/11	dr				Page
Modifications	Date	Name				1/1