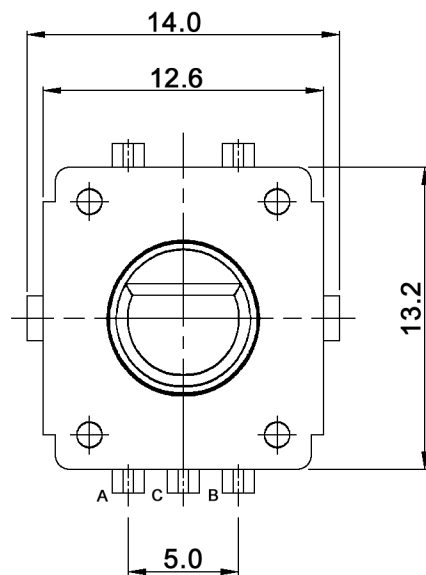
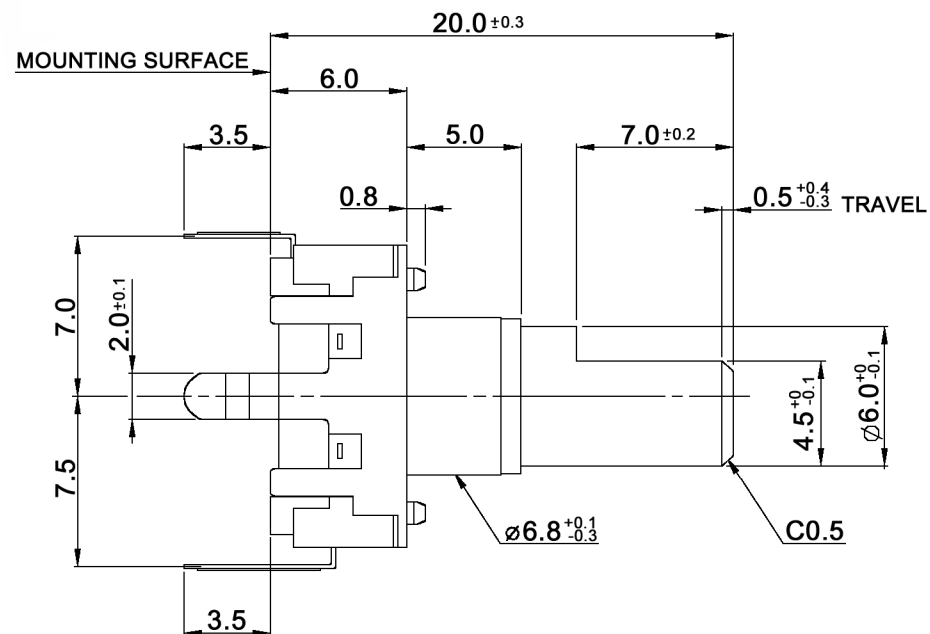
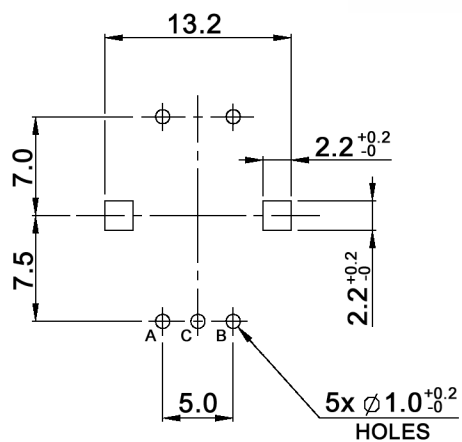
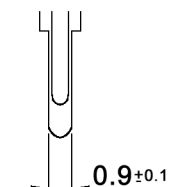




P.C.B. MOUNTING



TERMINAL DETAIL



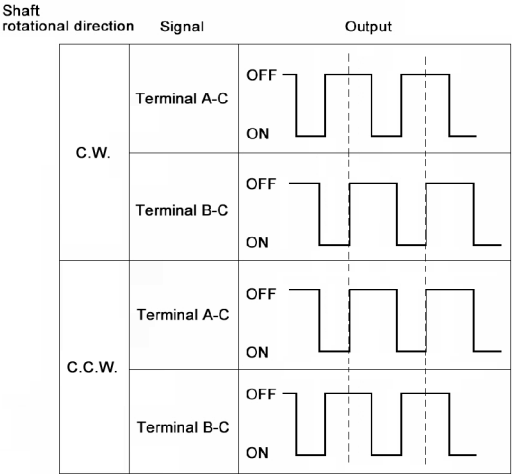
Compliance: RohS II (2011/65/EU)

Tolerances: ≤10: ±0.3mm 10<: ±0.5mm 100≤: ±0.8mm			Date	Name	MERP12-12120S	
			11/15	dr		
					knitter-switch	
Modifications		Date	Name	30 34 85		Page
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Specifications:

Contact rating: 0.5mA, 5V DC
Contact resistance: 100mOhm max. initial
Insulation resistance: 10MOhm min. at 50V DC for 1 minute +/-5sec.
Dielectric strength: 50V AC for 1 minute
Operating temperature: -20°C to +70°C
Storage temperature: -40°C to +85°C
Mechanical life: 30 000 cycles (360° CW plus 360° CCW)
Shaft push / pull force: 5kgf max. for 10sec. max.
Chattering / bounce: ≤3ms / ≤2ms
Rotate force: 30-200gf.cm
Switch rating: 10mA (1mA min.), 5V DC
Switch operating force: 450 +/-200gf
Switch travel: 0.5 +0.4/-0.3mm
Switch mechanical life: 20 000 cycles
Operating angle: 360° - endless
Resolution: 12 detents / 12 pulses
Soldering conditions: auto-soldering: 260 +/-5°C, 3sec. max.

OUTPUT SIGNAL FORMAT



Compliance: RohS II (2011/65/EU)

Tolerances: ≤10: ±0.3mm 10<: ±0.5mm 100≤: ±0.8mm			Date	Name	MERP12-12120S		
			11/15	dr			
					knitter-switch 30 34 85		
Modifications		Date	Name				Page
							2/2