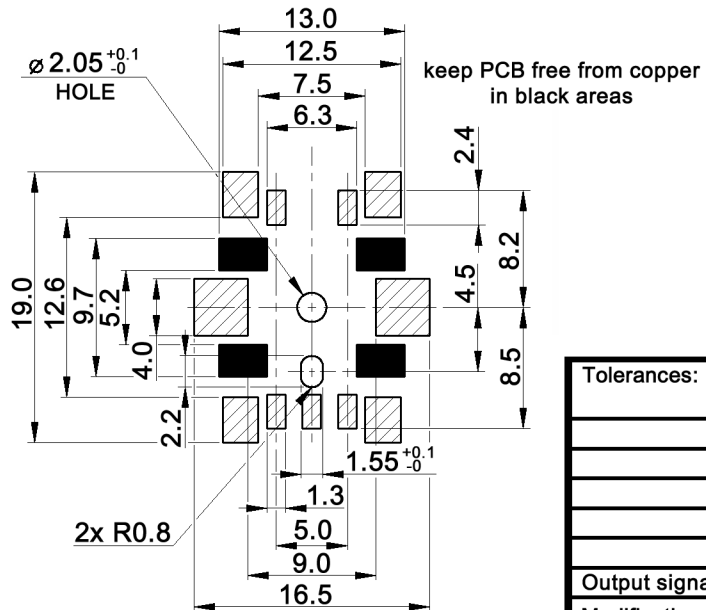
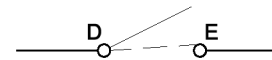


P.C. MOUNTING



CIRCUIT DIAGRAM



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name
			02/11	dr
Output signal format	03/11	dr	knitter-switch	
Modifications	Date	Name		

MERPS11-15595

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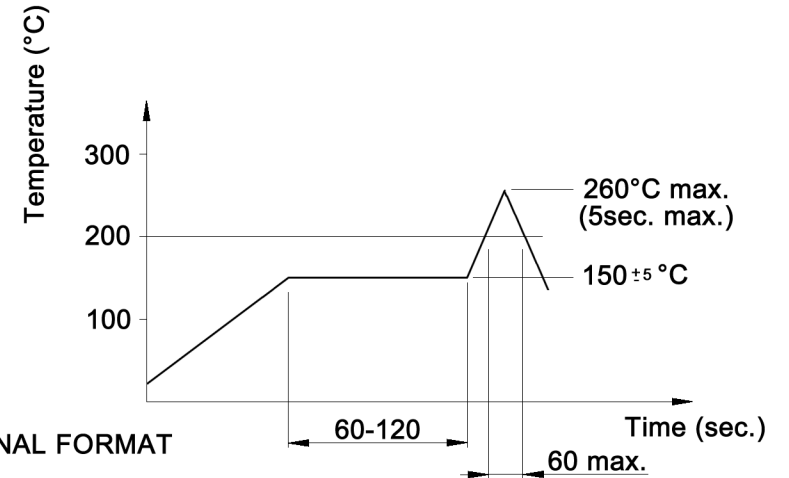
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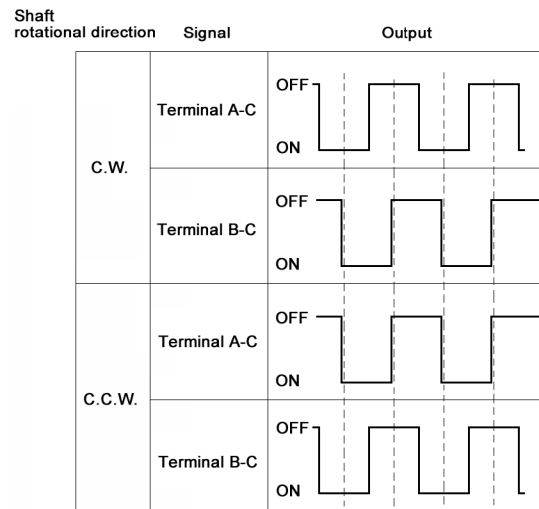
Specifications:

Contact rating: 10mA, 5V DC (1mA min.)
Contact resistance: initial max. 100mOhm; after rotational life max. 200mOhm
Insulation resistance: 100MOhm min. at 250V DC / 1mA
Vibration resistance:
 frequency sweep 10-55-10Hz for 60sec./cycle;
 total implitude 1.5mm in direction of operation and
 2 other vertical directions; 2hours each direction
Shock resistance:
 half sine, acceleration 50g for 11 +/-1ms on 6 sides
 3 times in each direction
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: 10 +/-7mNm
Resolution: 15 pulses
No. of detents: 30 detents; step angle: 12° +/-3°
Bounce (at 60rpm): max. 2ms
Phase difference: min. 4ms (at 60rpm)
Switch: Mechanical life: 20 000 cycles
 Operating force: 4 +/-2N
 allowed force in push-/pull-direction:
 100N max. for 10sec. max.

Soldering conditions:



OUTPUT SIGNAL FORMAT



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm		Date	Name	MERPS11-15595
		02/11	dr	
Modifications	Date	Name		

knitter-switch

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