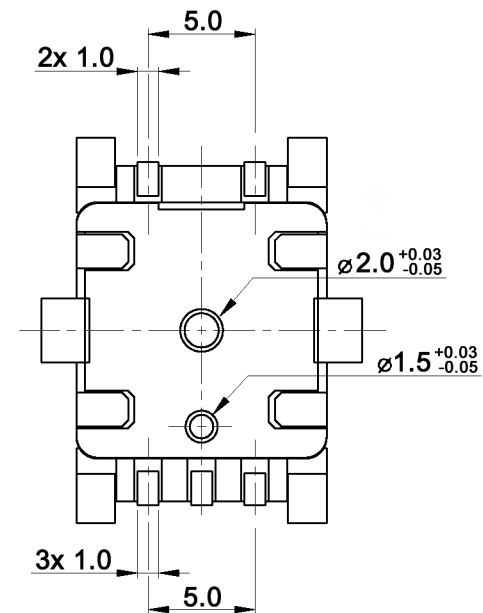
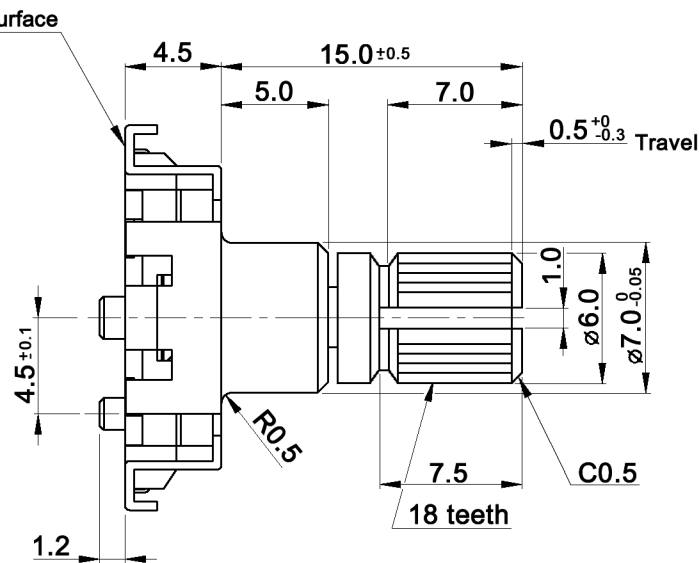
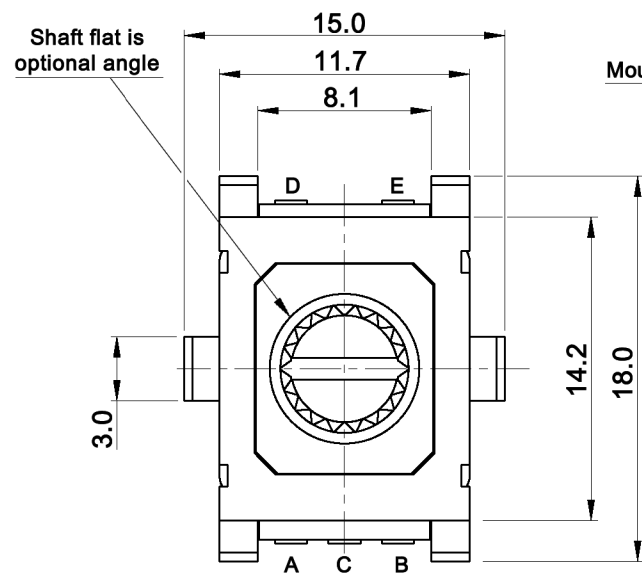
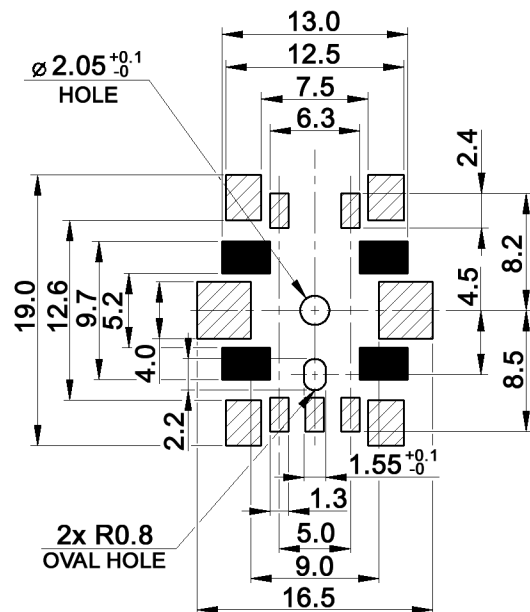
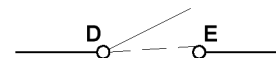




P.C.B. MOUNTING
(TOLERANCE ± 0.1)
VIEWED FROM MOUNTING SIDE



CIRCUIT DIAGRAM



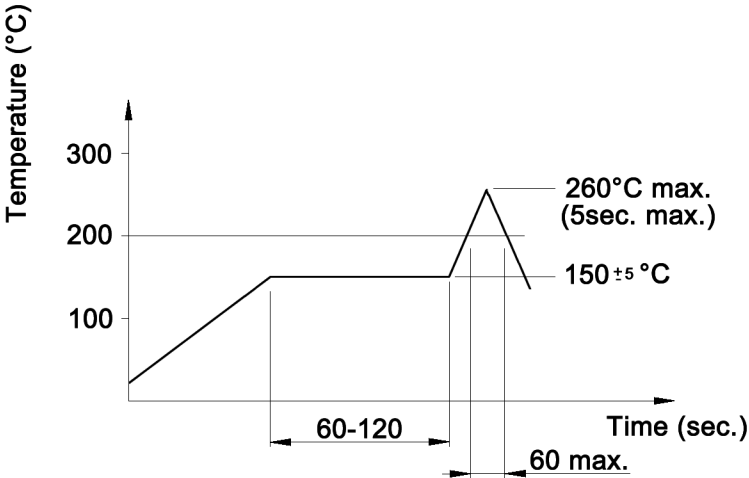
Compliance: RohS III (2015/863/EU)

Tolerances: ≤ 10 : ± 0.3 mm 10-100: ± 0.5 mm			Date	Name	MERPS11-15215(T)	
			12/16	dr		
					knitter-switch	
Packaging	10/25	dr				
Modifications	Date	Name			30 37 50	
					Page	1/3

Specifications:

Contact resistance: 100mOhm max.
Insulation resistance: 100MOhm min. at 250V DC / 1mA
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: 100 +/-70gf.cm
Resolution: 15 pulses
No. of detents: 30 detents; step angle: 12° +/-3°
Switch: Contact rating: 10 mA, 5 V DC
Mechanical life: 20 000 cycles
Operating force: 3.5 +/-1 N

Soldering conditions:



OUTPUT SIGNAL FORMAT

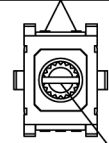
Shaft rotational direction	Signal	Output
C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON
C.C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON

Compliance: RohS III (2015/863/EU)

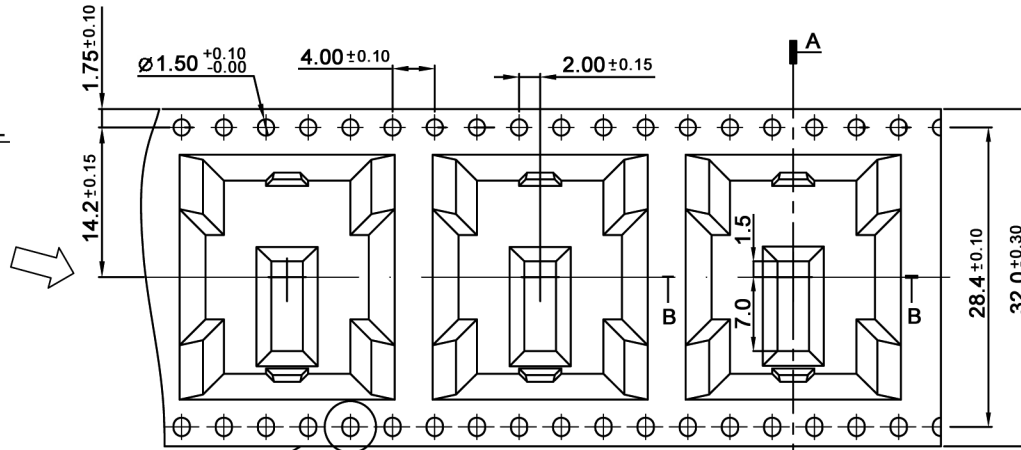
Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name	MERPS11-15215(T)	
			12/16	dr		
					knitter-switch	
Packaging	10/25	dr				
Modifications	Date	Name			30 37 50	
					Page	
					2/3	

Packaging:

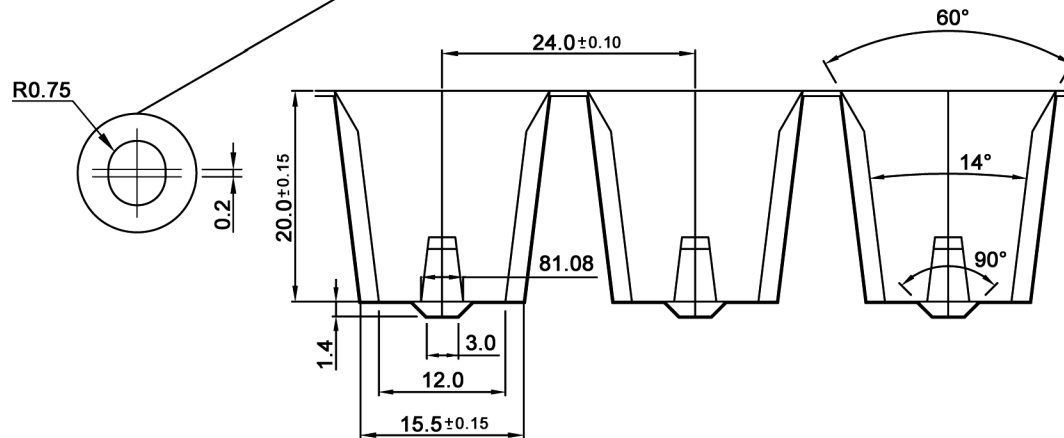
SWITCH TERMINAL



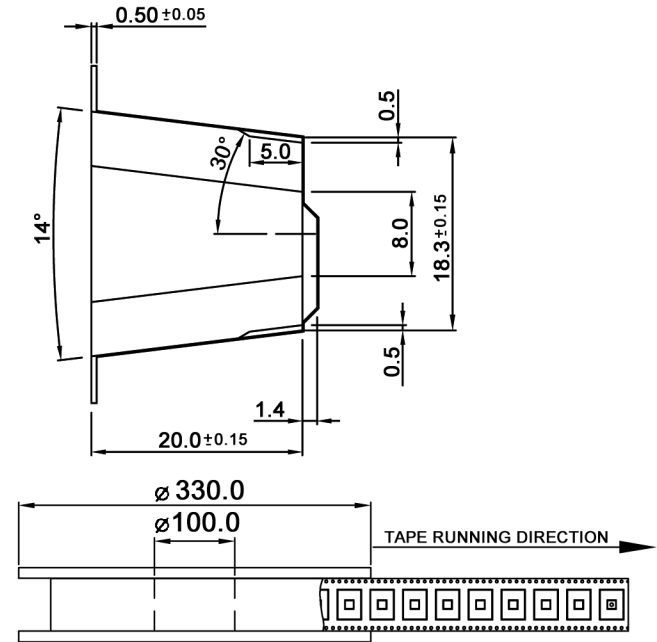
SHAFT FLAT IS
OPTIONAL ANGLE



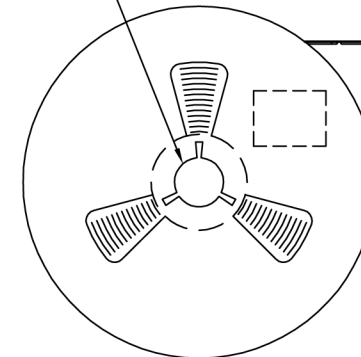
B-B



A-A



Ø13.5



Compliance: RohS III (2015/863/EU)

Ordering code	Packing
MERPS11-15215	tray, 60 pcs.
MERPS11-15215T	tape & reel, 120 pcs.

Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm			Date	Name
			12/16	dr
Packaging	10/25	dr		
Modifications	Date	Name		

MERPS11-15215(T)

knitter-switch

30 37 50

Page

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