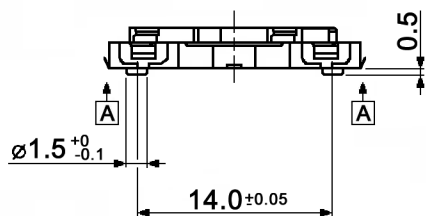
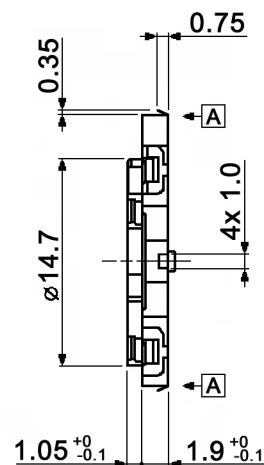
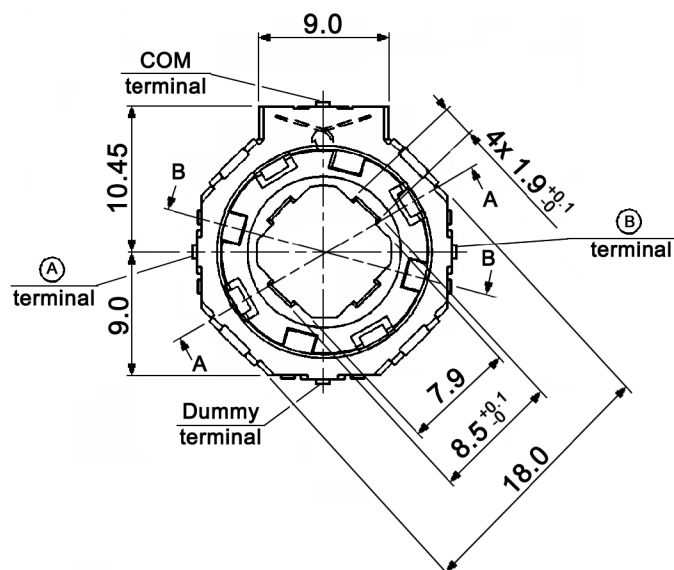
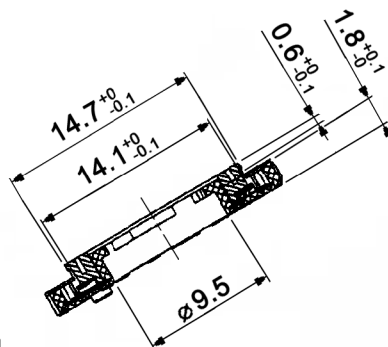


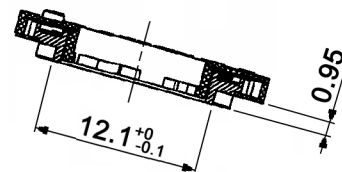
4x A common tolerance zone $\square \pm 0.1$



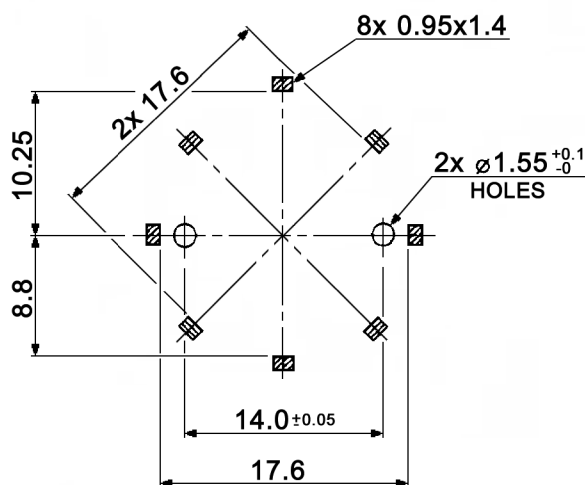
A-A SECTION



B-B SECTION



P.C.B. LAND DIMENSION $\square \pm 0.05$



Compliance: RohS III (2015/863/EU)

Tolerances: up to 10: $\pm 0.2\text{mm}$ above 10-50: $\pm 0.3\text{mm}$		Date	Name	MER1045-24-x	
		10/09	dr		
Mechanical life	04/20	dr		30 19 44	
Torque	08/17	dr			
Torque	05/17	dr			
Common tolerance zone	04/14	dr			
Soldering conditions	03/14	dr		Page 1/3	
Modifications	Date	Name			

knitter-switch

30 19 44

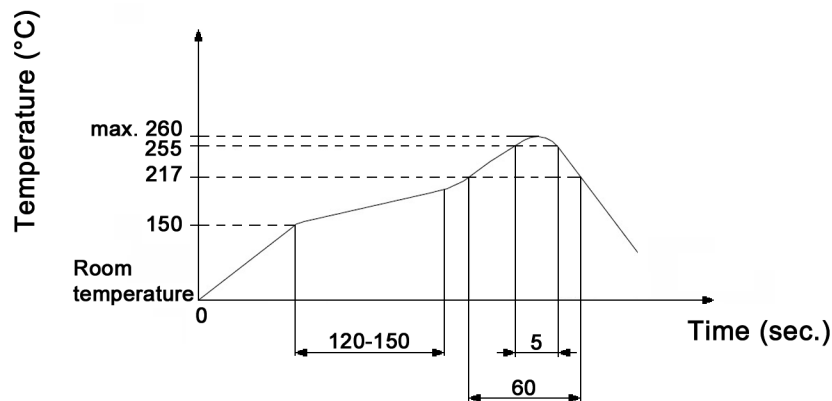
Page

1/3

Specifications:

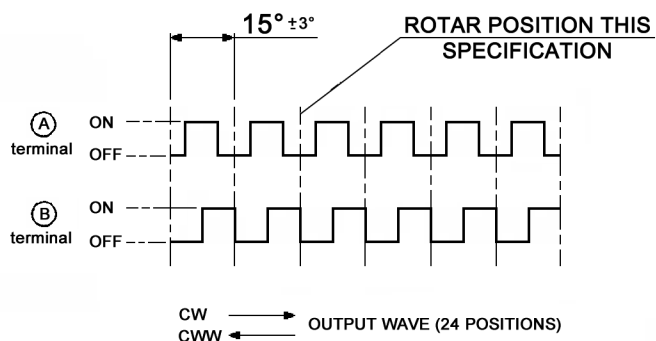
Contact rating:	10mA, 5V DC
Contact resistance:	10hm max.
Insulation resistance:	100MOhm min. at 100V DC for 1 minute +/-5sec.
Dielectric strength:	100V AC (50/60Hz) for 1 minute
Operating temperature:	-10°C to +60°C
Mechanical life:	300 000 cycles
Material:	Spring: stainless steel, natural
	Terminal: C5191, silver plated
	Contact: phosphor bronze, silver plated
	Housing: PA46, black
	Cover: stainless steel, silver plated
	Rotor: PA46, grey

Soldering conditions:



x	Torque min.	Torque max.	Torque typ.
(empty)	-	8 mN*m	4...7 mN*m
6	2 mN*m	6 mN*m	3...5 mN*m
5	1.5 mN*m	5 mN*m	2...4 mN*m

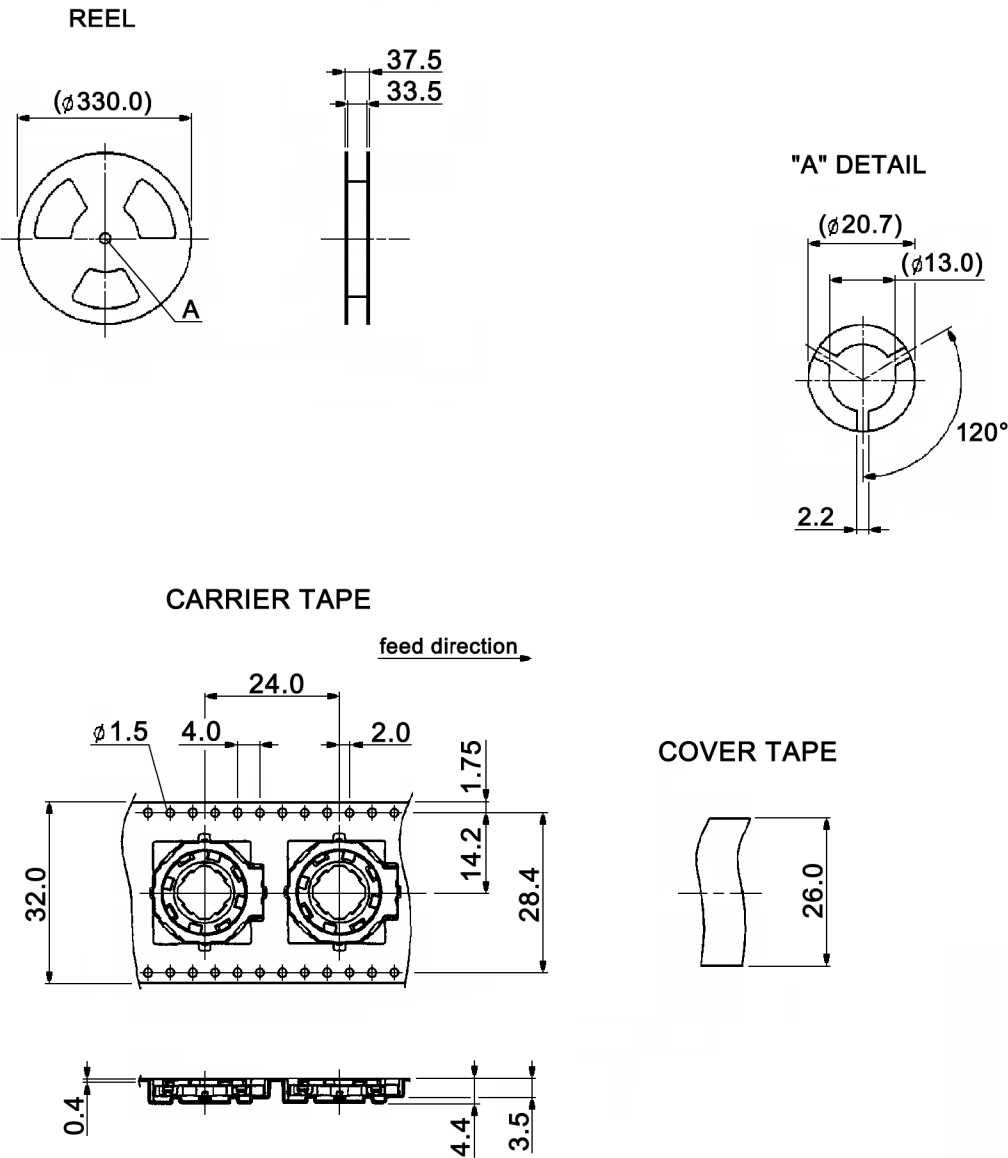
CIRCUIT DIAGRAM



Compliance: RohS III (2015/863/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm		Date	Name	MER1045-24-x	
		10/09	dr		
Mechanical life	04/20	dr		30 19 44	
Torque	08/17	dr			
Torque	05/17	dr			
Common tolerance zone	04/14	dr			
Soldering conditions	03/14	dr	knitter-switch		Page
Modifications	Date	Name			2/3

Packaging:



Packaging unit: 500 pcs. / reel
Compliance: RohS III (2015/863/EU)

Tolerances: up to 10: $\pm 0.2\text{mm}$ above 10-50: $\pm 0.3\text{mm}$			Date	Name	MER1045-24-x	
			10/09	dr		
Mechanical life	04/20	dr			30 19 44	
Torque	08/17	dr				
Torque	05/17	dr				
Common tolerance zone	04/14	dr				
Soldering conditions	03/14	dr	knitter-switch		Page 3/3	
Modifications	Date	Name				