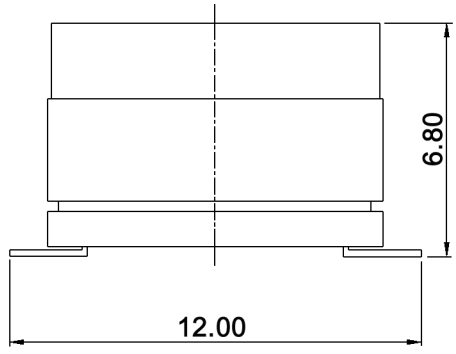
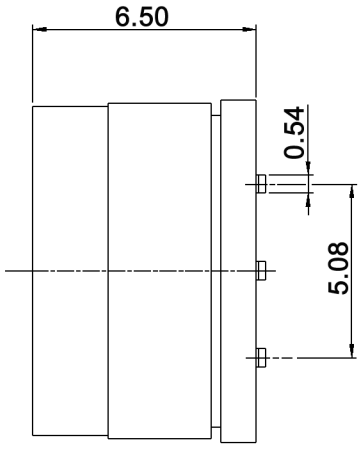
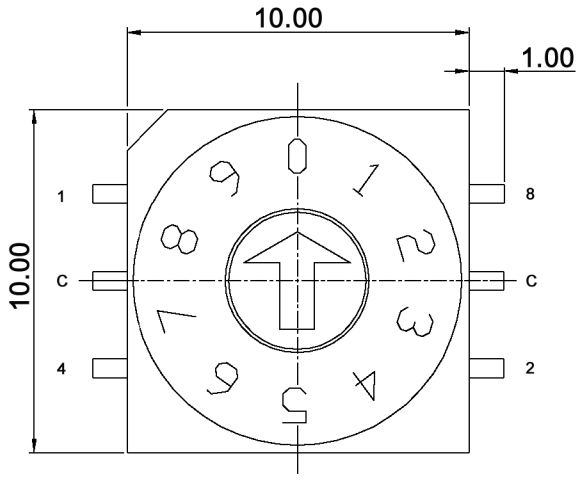




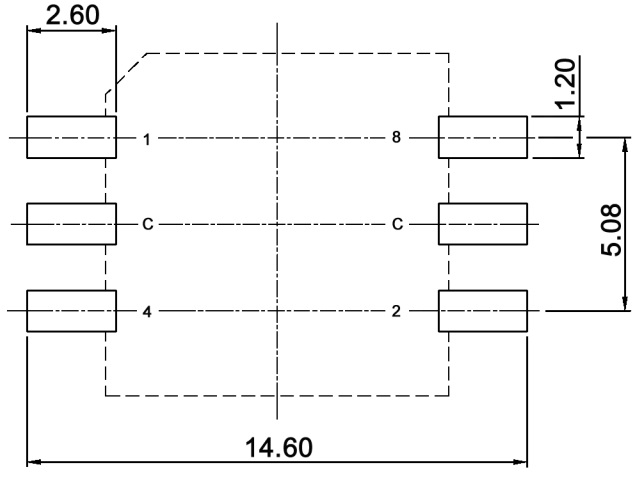
coplanarity failure +/-0.05mm max.



BCD inverse

		Complement coded				
		C	1	2	4	8
10 Positions	0	●	●	●	●	●
	1	●		●	●	●
	2	●	●		●	●
	3	●			●	●
	4	●	●	●		●
	5	●		●		●
	6	●	●			●
	7	●				●
	8	●	●	●	●	
	9	●		●	●	

P.C.B. DIMENSION



Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name
			07/14	dr
Contact rating	08/14	dr		
Modifications	Date	Name		

SMR 60110

knitter-switch

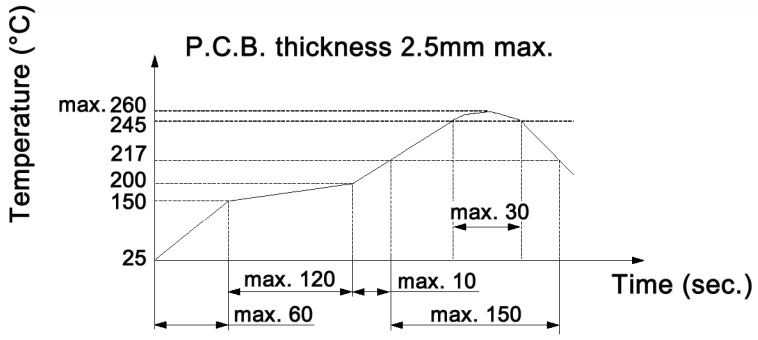
30 31 51

Page 1/3

Specifications:

Contact rating:	non-switching: 200mA, 42V switching: 150mA, 42V
Contact resistance:	80mOhm max.
Insulation resistance:	100MOhm min. at 250V DC for 1 minute +/-5sec.
Dielectric strength:	250V AC (50/60Hz) for 1 minute
Operating temperature:	-60°C to +125°C
Storage temperature:	-60°C to +125°C
Mechanical life:	10 000 cycles
Operating force:	700gf/cm max.
Material:	Cover / base: PA 6T, black Actuator: PA 66, STS Contact / terminal: phosphor bronze, 0.07µ min. gold plated over 0.1µ min. nickel PCB: epoxy seal, 0.05µ min. gold plated O-ring: silicone
IP rating:	IP67

Soldering conditions:



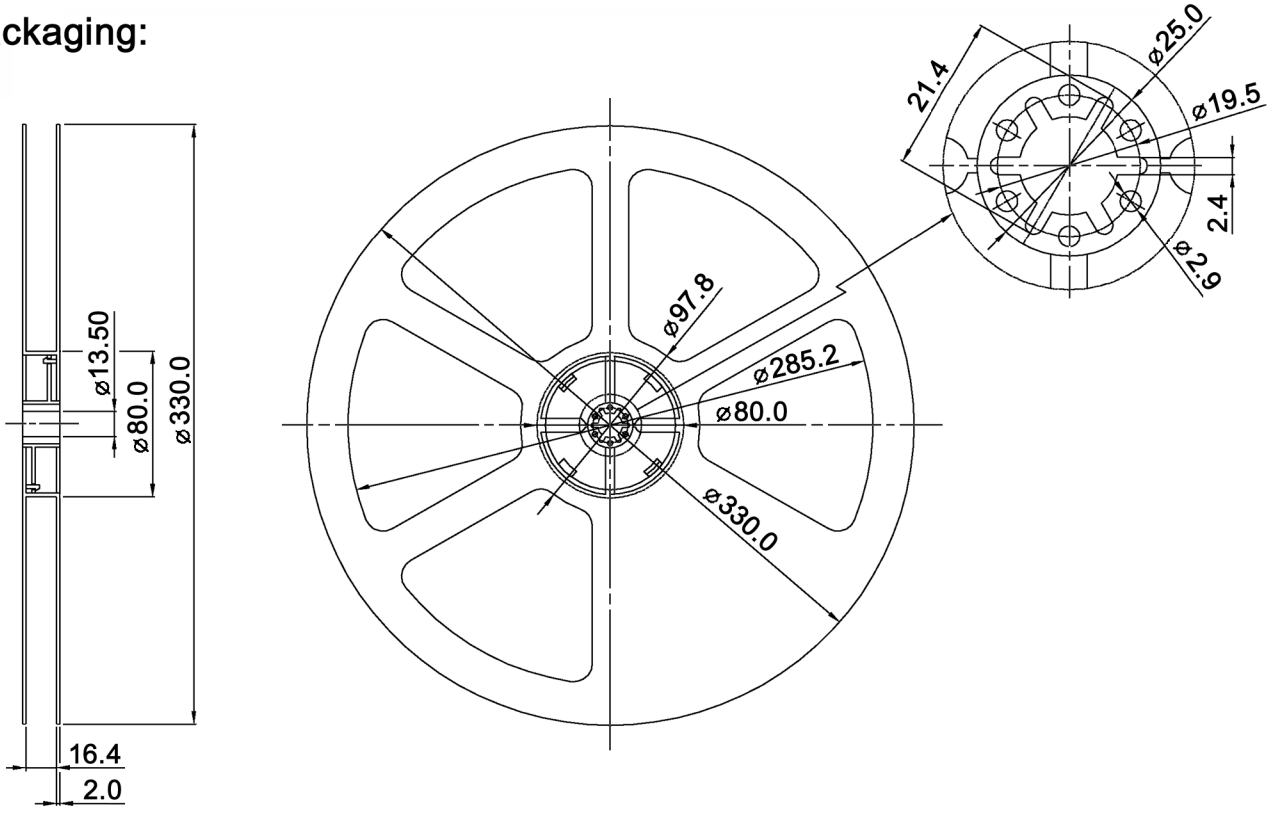
The condition mentioned above is the temperature on the Cu foil of PCB surface. It might happen that the board´s temperature greatly differs from switch´s surface temperature depending on board´s material, size, thickness, etc. Therefore, care should be used not to allow switch´s surface temperature to exceed 260°C.

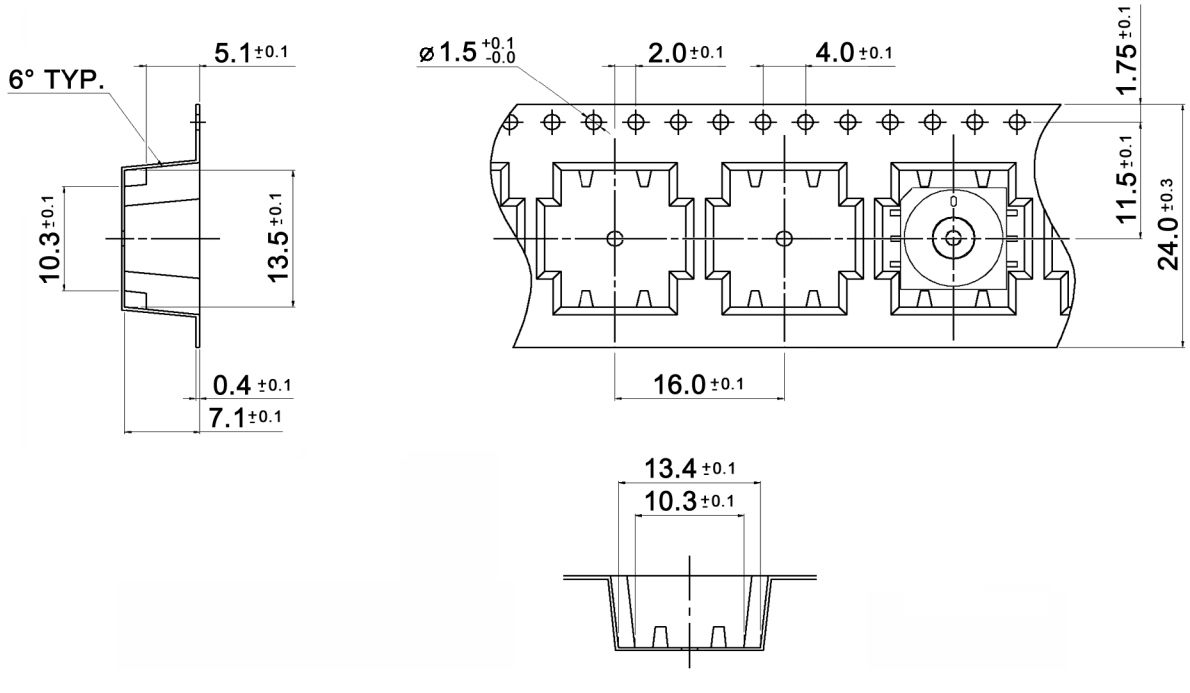
Precautions in handling
Care should be exercised so that flux from the upper part of the printed circuit board does not adhere to the switch.

Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name	SMR 60110	
			07/14	dr		
			knitter-switch		30 31 51	Page 2/3
Modifications	Date	Name				

Packaging:





Packaging unit: 600 pcs / reel
Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name	SMR 60110	
			07/14	dr		
			knitter-switch		30 31 51	Page 3/3
Modifications	Date	Name				