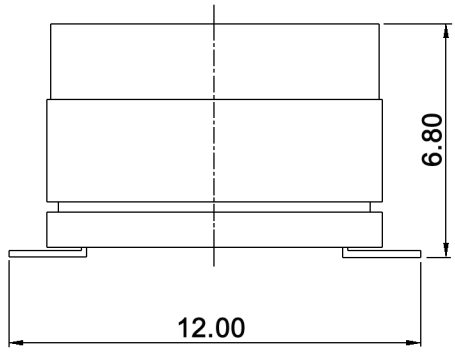
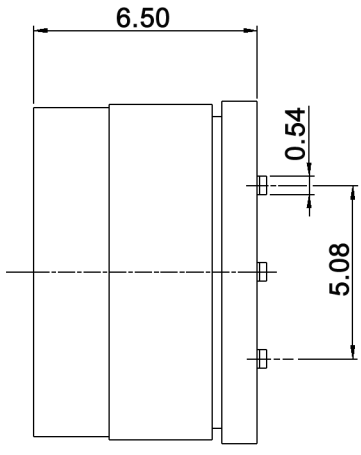
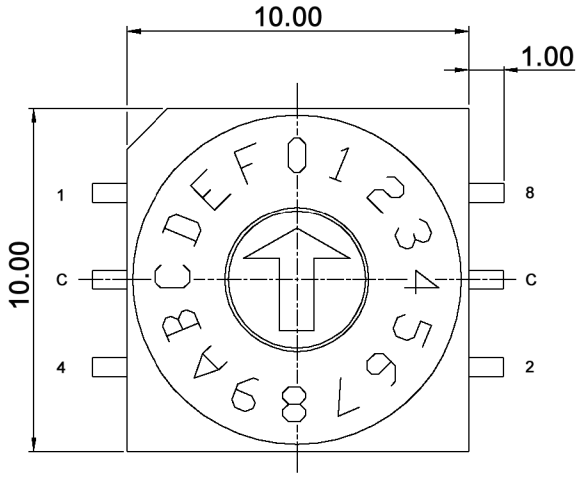




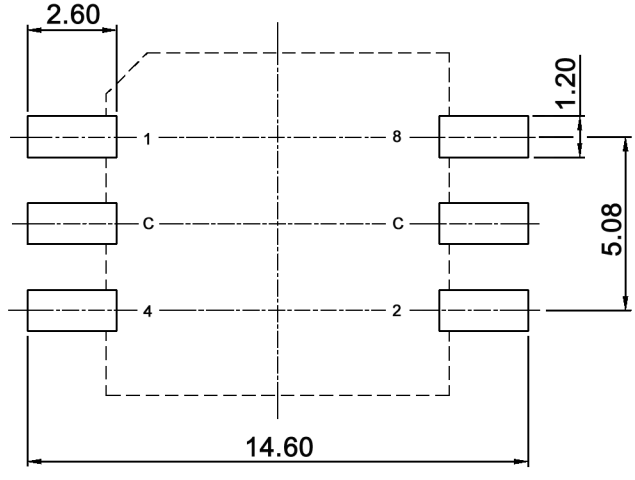


coplanarity failure +/-0.05mm max.

Hexadecimal inverse

		Complement coded			
		1	2	4	8
16 Positions	0	●	●	●	●
	1		●	●	●
	2	●		●	●
	3			●	●
	4	●	●		●
	5		●		●
	6	●			●
	7				●
	8	●	●	●	
	9		●	●	
	A	●		●	
	B			●	
	C	●	●		
	D		●		
	E	●			
	F				

P.C.B. DIMENSION



Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name
			08/08	dr
Contact rating	08/14	dr		
Temperatures	12/12	dr		
IP rating	07/09	dr		
Operating temperature	11/08	dr		
Coplanarity failure	08/08	dr		
Modifications	Date	Name		

SMR 60116

knitter-switch

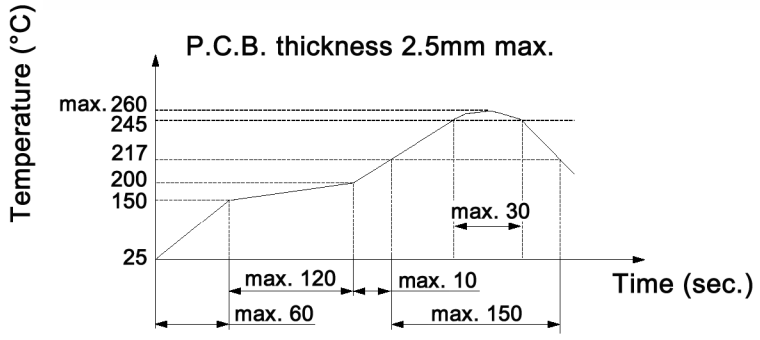
30 15 55

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:



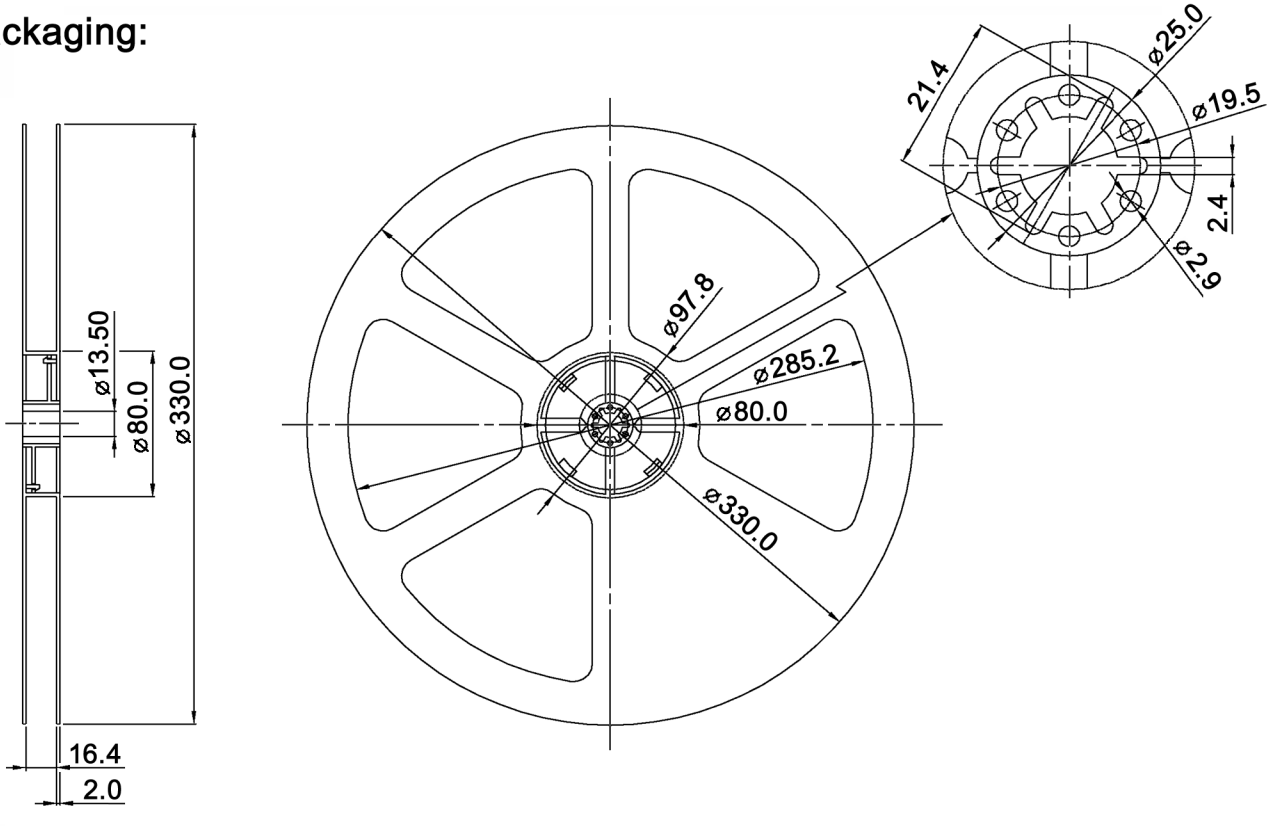
The condition mentioned above is the temperature on the Cu foil of PCB surface. It might happen that the board´s temperature greatly differs from switch´s surface temperature depending on board´s material, size, thickness, etc. Therefore, care should be used not to allow switch´s surface temperature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

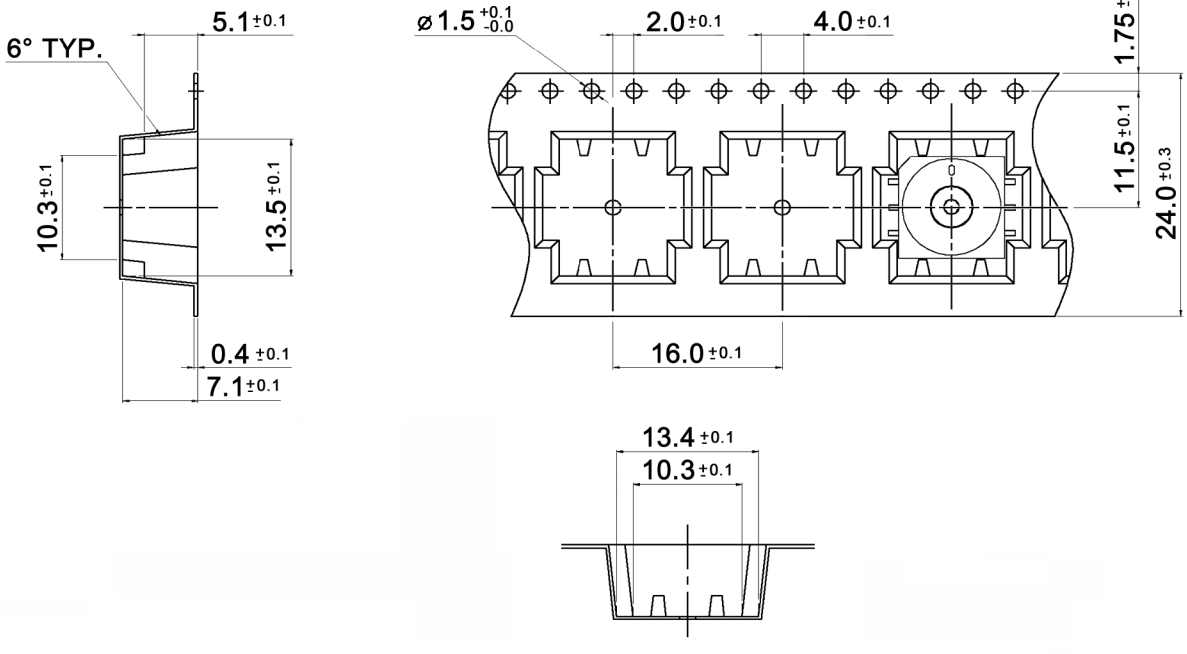
Precautions in handling
Care should be exercised so that flux from the upper part of the printed circuit board does not adhere to the switch.

Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name	SMR 60116	
			08/08	dr		
			knitter-switch		30 15 55	Page 2/3
Modifications	Date	Name				

Packaging:





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

Tolerances:			Date	Name
			08/08	dr
Modifications	Date	Name		

SMR 60116

knitter-switch

30 15 55

Page 3/3