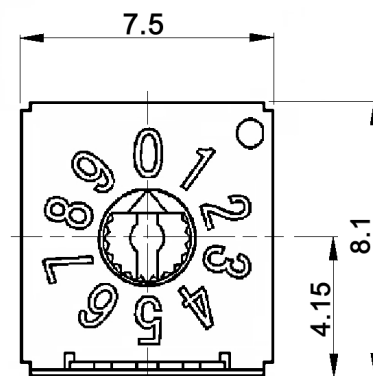
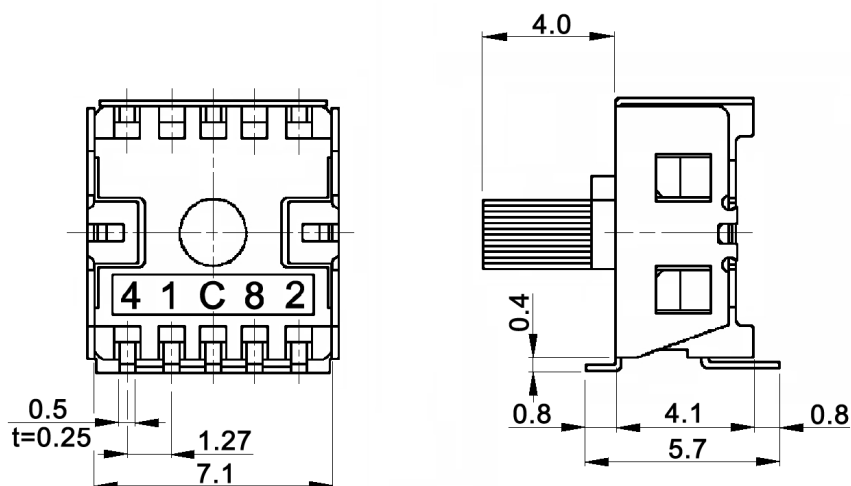
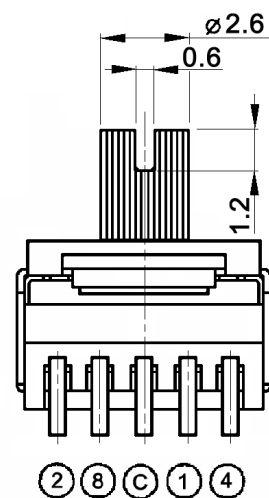
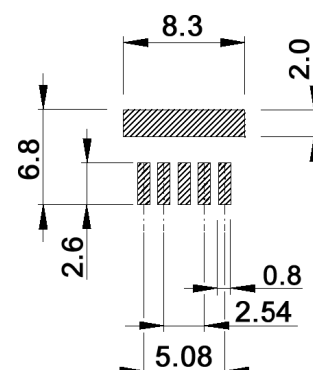




Type:	Code:
SMRR 8010-1	BCD real
SMRR 8110-1	BCD complement
SMRR 8016-1	Hexadecimal real
SMRR 8116-1	Hexadecimal complement

P.C.B. LAYOUT



Compliance: RohS II (2011/65/EU)

Tolerances: ±0.3mm			Date	Name	SMRR 8000-1			
			08/08	dr				
			knitter-switch			30 15 66		Page
Operating temperature	12/16	dr						
Packaging	09/14	dr						1/4
Modifications	Date	Name						

Specifications:

Contact rating: non-switching: 100mA, 50V DC
switching: 30mA, 15V DC

Contact resistance: 200mOhm max.

Insulation resistance: 1 000MOhm min. at 250V DC

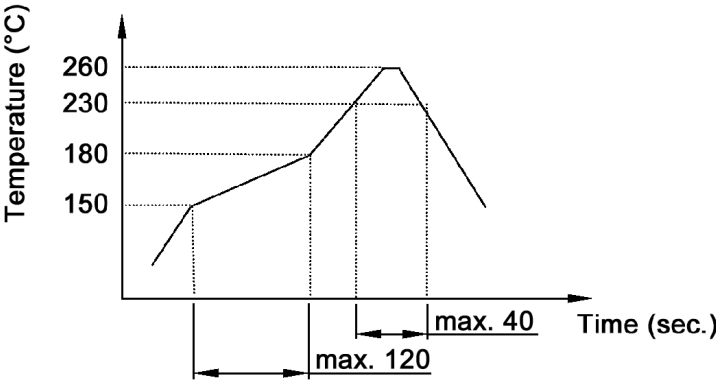
Dielectric strength: 250V, 50Hz for the duration of 1 minute

Operating temperature: -40°C to +85°C

Mechanical life: min. 20 000 cycles

Material: Contacts: gold plated
Terminals: copper alloy, gold plated
Case: LCP, UL94V-0, black
Frame: stainless steel
Rotor: LCP, UL94V-0, yellow for real code, red for complement code
O-ring: silicone rubber UL94-HB

Recommended reflow soldering profile:



Compliance: RohS II (2011/65/EU)

Tolerances: ±0.3mm			Date	Name	SMRR 8000-1		
			08/08	dr			
			knitter-switch		30 15 66		Page
							2/4
Modifications	Date	Name					

Codes:

BCD

		Real coded				
		C	1	2	4	8
10 P o s i t i o n	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●		●	
	6	●		●	●	
	7	●	●	●	●	
	8	●				●
	9	●	●			●

BCD inverse

		Complement coded				
		C	1	2	4	8
10 P o s i t i o n	0	●	●	●	●	●
	1	●		●	●	●
	2	●	●		●	●
	3	●			●	●
	4	●	●	●		●
	5	●		●		●
	6	●	●			●
	7	●				●
	8	●	●	●	●	
	9	●		●	●	

Hexadecimal

		Real coded				
		C	1	2	4	8
16 P o s i t i o n	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●		●	
	6	●		●	●	
	7	●	●	●	●	
	8	●				●
	9	●	●			●
	A	●		●		●
	B	●	●	●		●
	C	●			●	●
	D	●	●		●	●
	E	●		●	●	●
	F	●	●	●	●	●

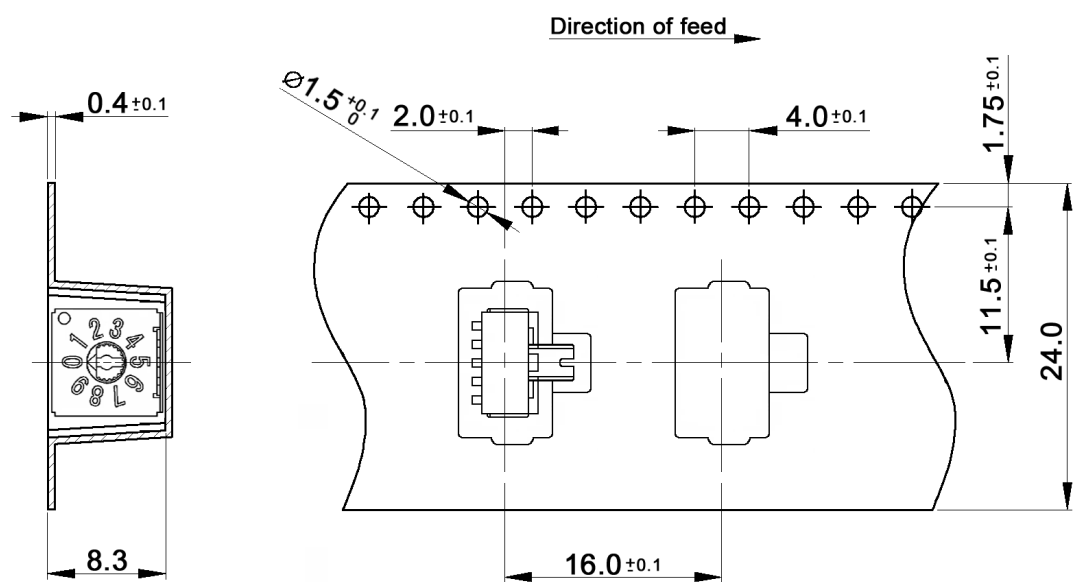
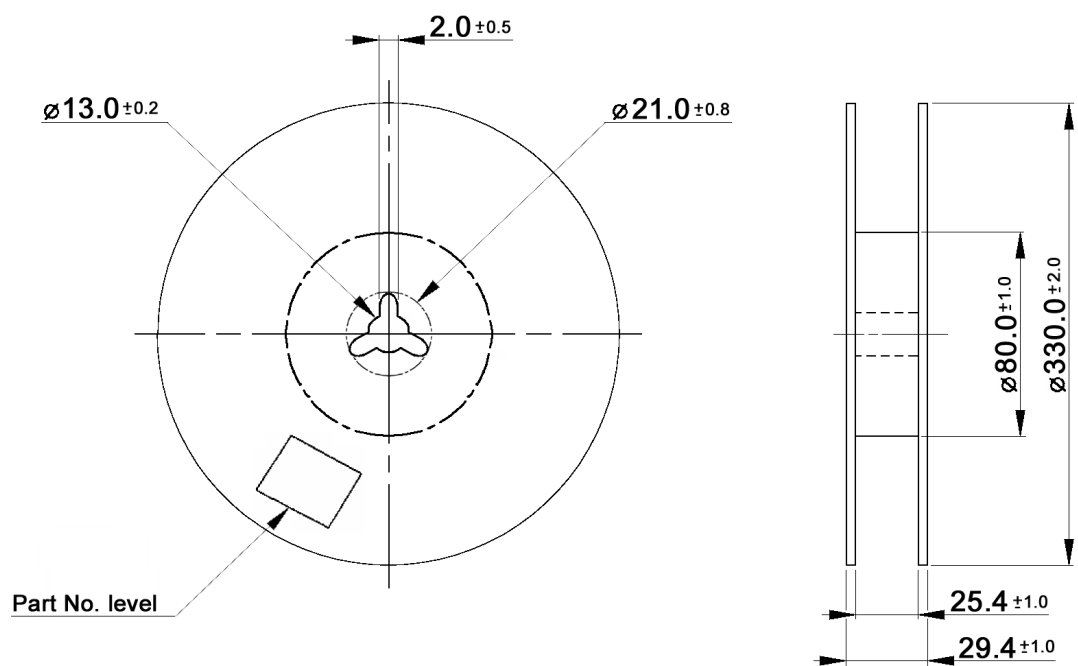
Hexadecimal inverse

		Complement coded				
		C	1	2	4	8
16 P o s i t i o n	0	●	●	●	●	●
	1	●		●	●	●
	2	●	●		●	●
	3	●			●	●
	4	●	●	●		●
	5	●		●		●
	6	●	●			●
	7	●				●
	8	●	●	●	●	
	9	●		●	●	
	A	●	●		●	
	B	●			●	
	C	●	●	●		
	D	●		●		
	E	●	●			
	F	●				

Compliance: RohS II (2011/65/EU)

Tolerances: ±0.3mm			Date	Name	SMRR 8000-1	
			08/08	dr		
			knitter-switch			Page
						3/4
Modifications	Date	Name				

Packaging:



Packaging unit: 500 pcs. / reel
Compliance: RohS II (2011/65/EU)

Tolerances: $\pm 0.3\text{mm}$			Date	Name	SMRR 8000-1	
			08/08	dr		
					30 15 66	
			knitter-switch			Page
						4/4
Modifications	Date	Name				