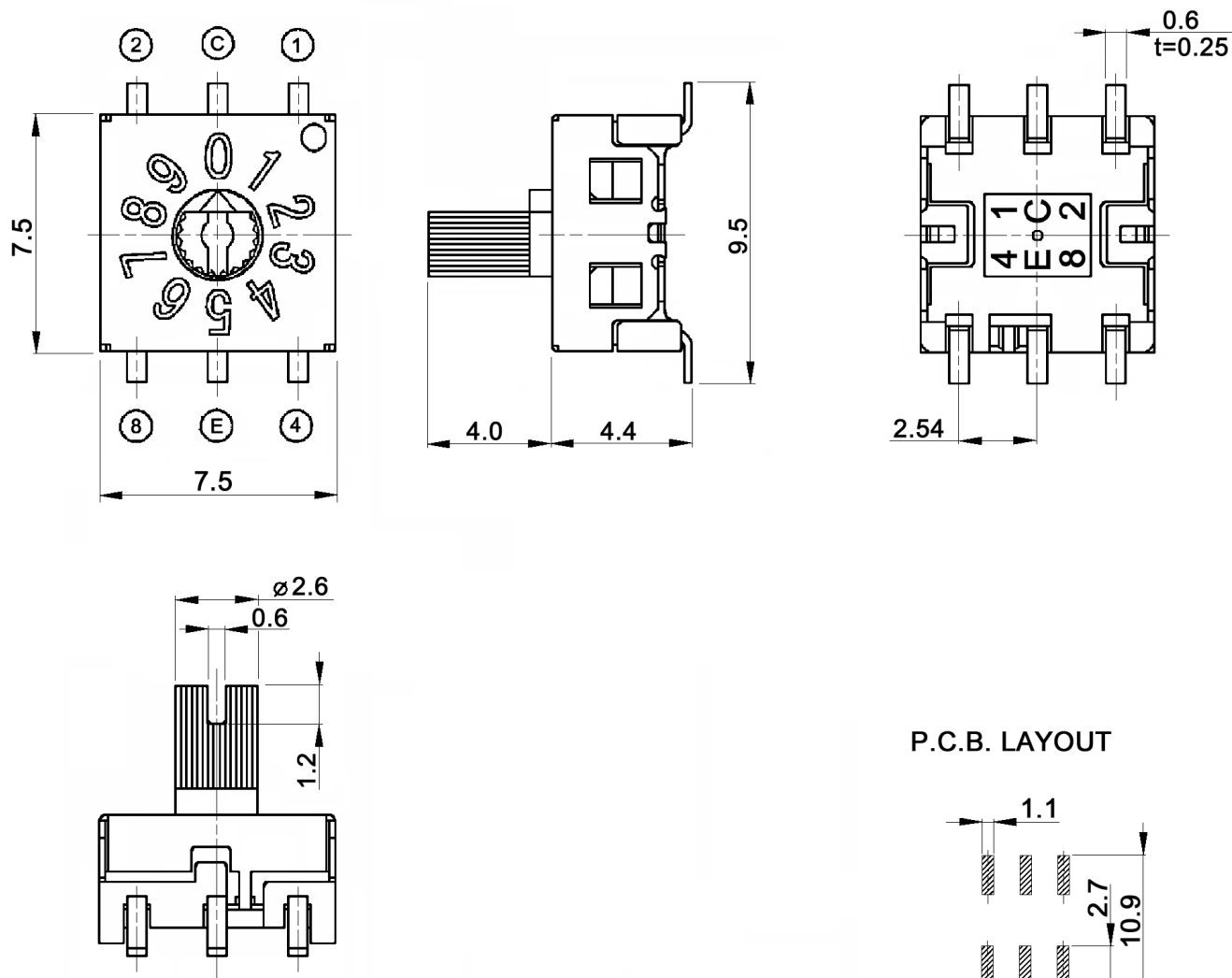




Type:	Code:
SMR 8010-1	BCD real
SMR 8110-1	BCD complement
SMR 8016-1	Hexadecimal real
SMR 8116-1	Hexadecimal complement

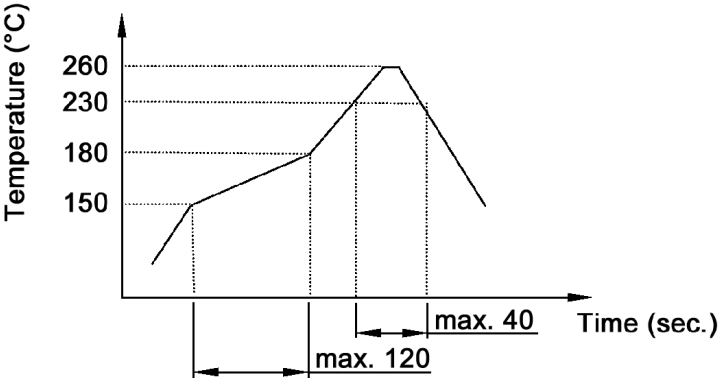


Tolerances: $\pm 0.3\text{mm}$			Date	Name	SMR 8000-1	
			08/08	dr		
			knitter-switch		30 15 65	
Operating temperature	12/16	dr			Page	
Modifications	Date	Name			1/3	

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:



Tolerances: ±0.3mm			Date	Name	SMR 8000-1		
			08/08	dr			
			knitter-switch		30 15 65		Page
							2/3
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	●				



Tolerances: ±0.3mm			Date	Name	SMR 8000-1
			08/08	dr	
			knitter-switch		30 15 65
Modifications	Date	Name	Page		
			3/3		