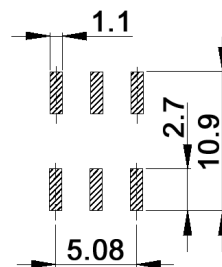


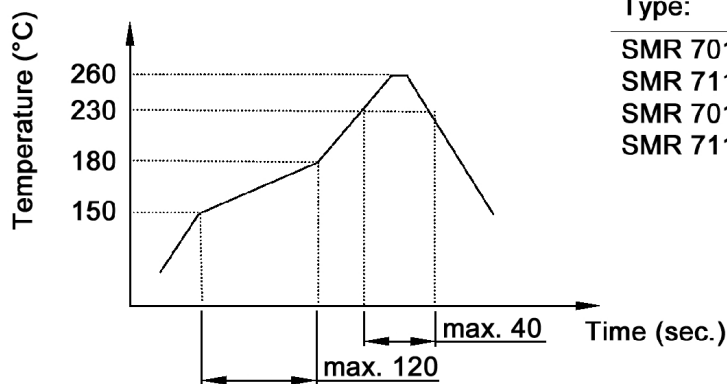
P.C.B. LAYOUT



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:



Type:	Code:
SMR 7010-1	BCD real
SMR 7110-1	BCD complement
SMR 7016-1	Hexadecimal real
SMR 7116-1	Hexadecimal complement



Tolerances: ±0.3mm	Date	Name
	08/08	dr
Operating temperature	12/16	dr
Modifications	Date	Name

**SMR 7000-1**

**30 15 63**

**knitter-switch**

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# 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	<h1>SMR 7000-1</h1>
			08/08	dr	
			<b>knitter-switch</b>		<h2>30 15 63</h2>
Modifications	Date	Name			Page 2/2