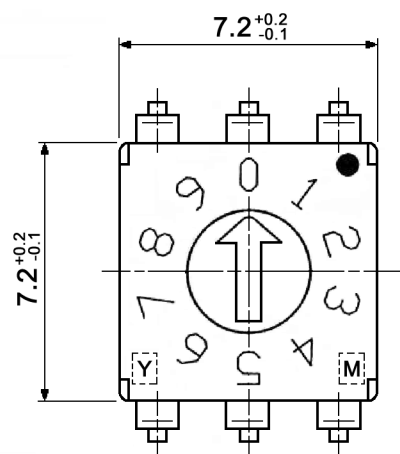
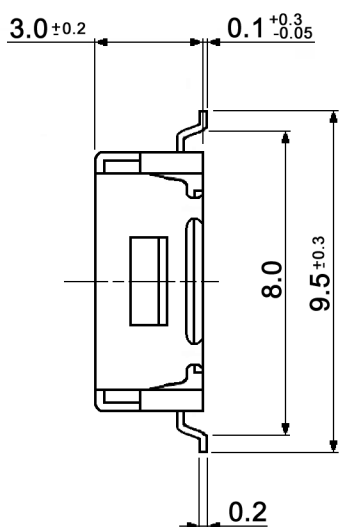
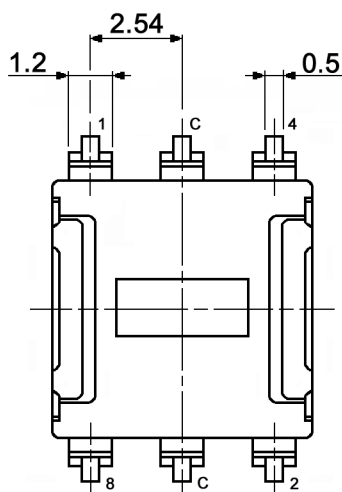
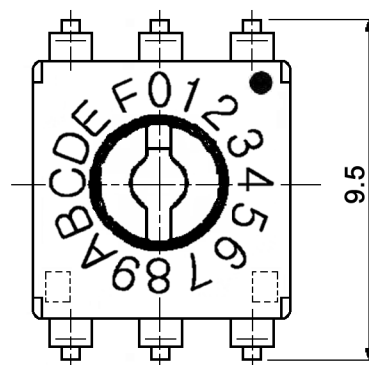
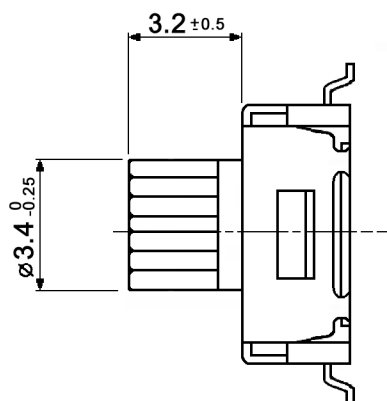




YM = date code



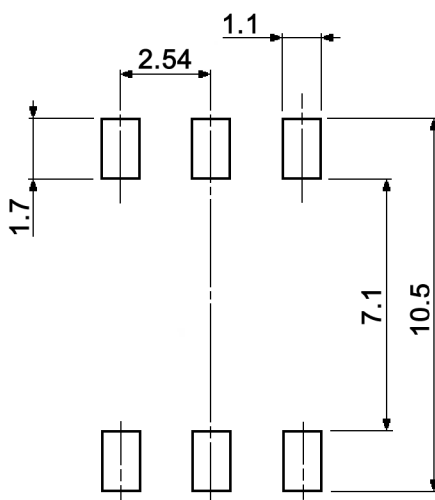
Y Manufacturing year

8	2008
9	2009
0	2010
1	2011
2	2012

M Manufacturing month

1	January
...	...
9	September
0	October
N	November
D	December

SURFACE MOUNT PAD LAYOUT



Compliance: RohS II (2011/65/EU)

Tolerances: ±0.5mm			Date	Name
			10/96	ey
Sealing	01/17	dr		
Contact system	02/15	dr		
Revised	03/13	dr		
Ordering code	08/12	dr		
Date code	03/10	dr		
Dimensions	09/08	dr		
Modifications	Date	Name		

SMR 13 000 / SMR 14 000

knitter-switch

20 26 06

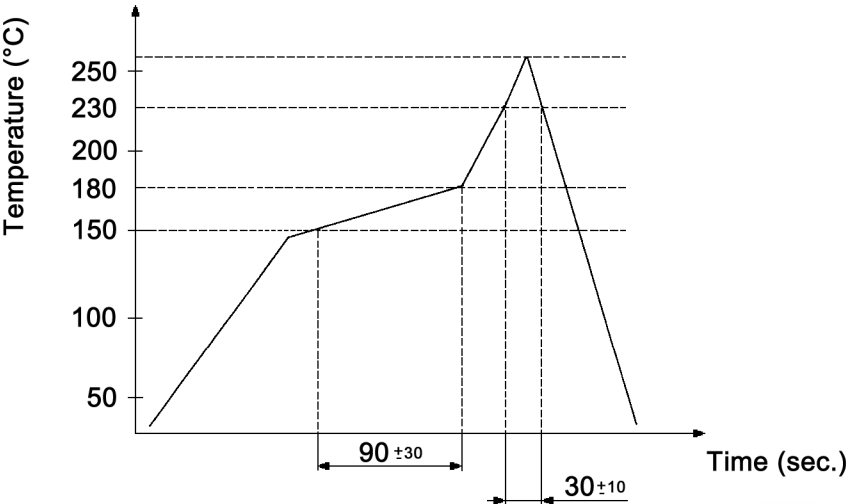
Page

1/3

Specifications:

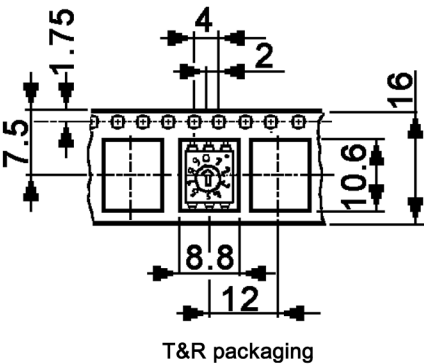
Contact rating:	max.: non-switching: 100mA, 50V DC switching: 100mA, 5V DC min.: 1µA, 20mV AC or DC
Contact resistance:	200mOhm max. at 1.5mA; 0.2mV AC (1kHz)
Insulation resistance:	1 000MOhm min. at 100V DC
Dielectric strength:	250V AC for 1 minute
Operating temperature:	-25°C to +75°C
Storage temperature:	-40°C to +85°C
Mechanical life:	20 000 cycles min.
Operating force:	24.5mN.m max.
Contact system:	self-cleaning sliding contacts
Sealing:	by O-ring, washable by aqueous detergents and isopropyl alcohol
Material:	Terminal: phosphor bronze, gold over nickel plated Base: liquid crystal polymer, black Frame: stainless steel Rotor: polyamide resin Fixed contact: phosphor bronze, gold over nickel plated Movable contact: beryllium copper, gold over nickel plated

Soldering conditions:



reflow soldering: 230°C, 30sec.; peak temperature: 260°C, 10sec. max.

Packaging:



Compliance: RohS II (2011/65/EU)

Tolerances: ±0.5mm			Date	Name	SMR 13 000 / SMR 14 000	
			10/96	ey		
					knitter-switch	
					20 26 06	
Modifications	Date	Name				Page
						2/3

		BCD				
		Real coded				
10 Positions	0	●				
	1	●	●			
	2	●		●		
	3	●	●			
	4	●			●	
	5	●	●		●	
	6	●		●	●	
	7	●	●	●	●	
	8	●				●
	9	●	●			●

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

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

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

Ordering code	Actuation	Code	Packing
SMR 13010	screw driver	10 pos. real, ivory	65 pcs/tube
SMR 13010 T	screw driver	10 pos. real, ivory	1000 pcs/reel
SMR 14010	shaft	10 pos. real, ivory	65 pcs/tube
SMR 14010 T	shaft	10 pos. real, ivory	500 pcs/reel
SMR 13016	screw driver	16 pos. real, ivory	65 pcs/tube
SMR 13016 T	screw driver	16 pos. real, ivory	1000 pcs/reel
SMR 14016	shaft	16 pos. real, ivory	65 pcs/tube
SMR 14016 T	shaft	16 pos. real, ivory	500 pcs/reel
SMR 13110	screw driver	10 pos. inverse, red	65 pcs/tube
SMR 13110 T	screw driver	10 pos. inverse, red	1000 pcs/reel
SMR 14110	shaft	10 pos. inverse, red	65 pcs/tube
SMR 14110 T	shaft	10 pos. inverse, red	500 pcs/reel
SMR 13116	screw driver	16 pos. inverse, red	65 pcs/tube
SMR 13116 T	screw driver	16 pos. inverse, red	1000 pcs/reel
SMR 14116	shaft	16 pos. inverse, red	65 pcs/tube
SMR 14116 T	shaft	16 pos. inverse, red	500 pcs/reel

Compliance: RohS II (2011/65/EU)

Tolerances: ±0.5mm			Date	Name	SMR 13 000 / SMR 14 000
			10/96	ey	
			knitter-switch		20 26 06
Modifications	Date	Name			Page
					3/3