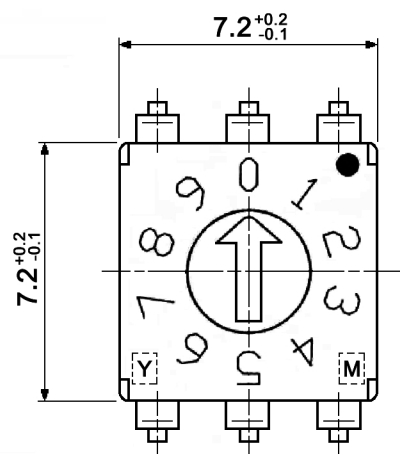
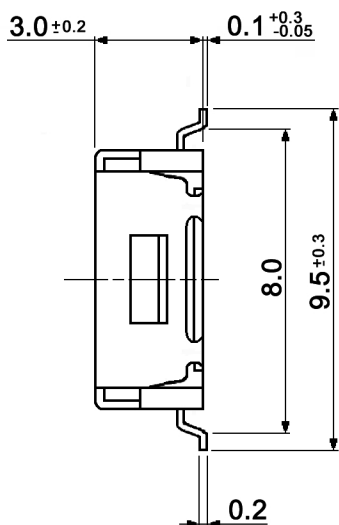
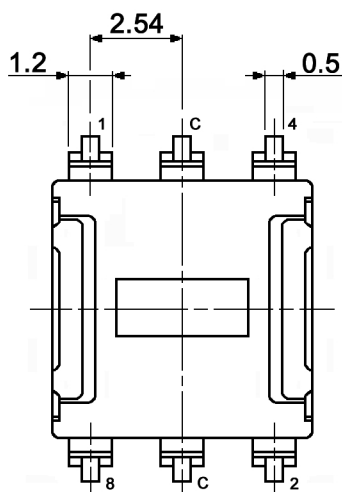
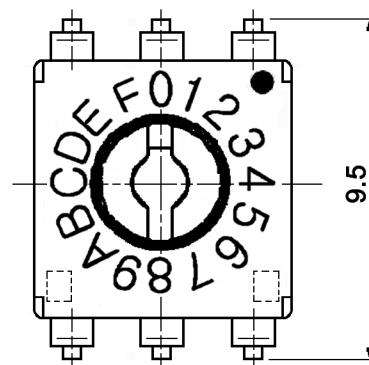
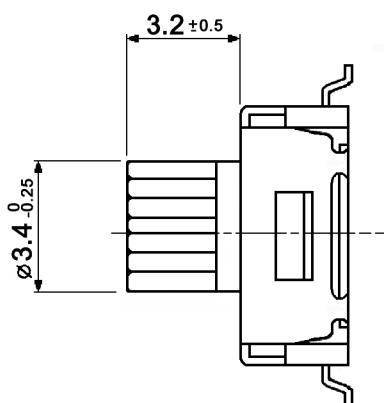




YM = date code



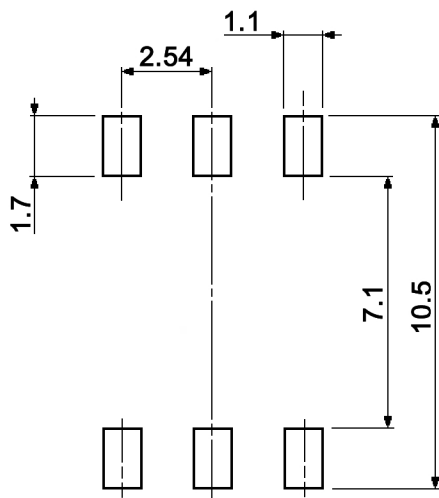
Y Manufacturing year

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 III (2015/863/EU)

Tolerances: ±0.5mm			Date	Name
			10/96	ey
Operating temperature	05/20	dr		
Packaging	05/19	dr		
JEDEC-ST 020 D	01/19	dr		
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

1/4

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: -40°C to +85°C

Storage temperature: -40°C to +85°C

Mechanical life: 20 000 cycles min.

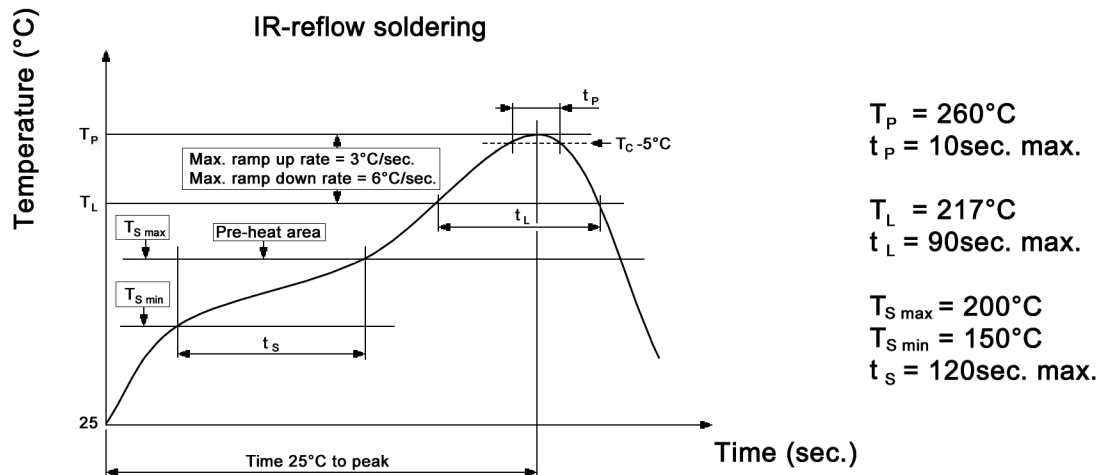
Operating force: 24.5mN.m max.

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

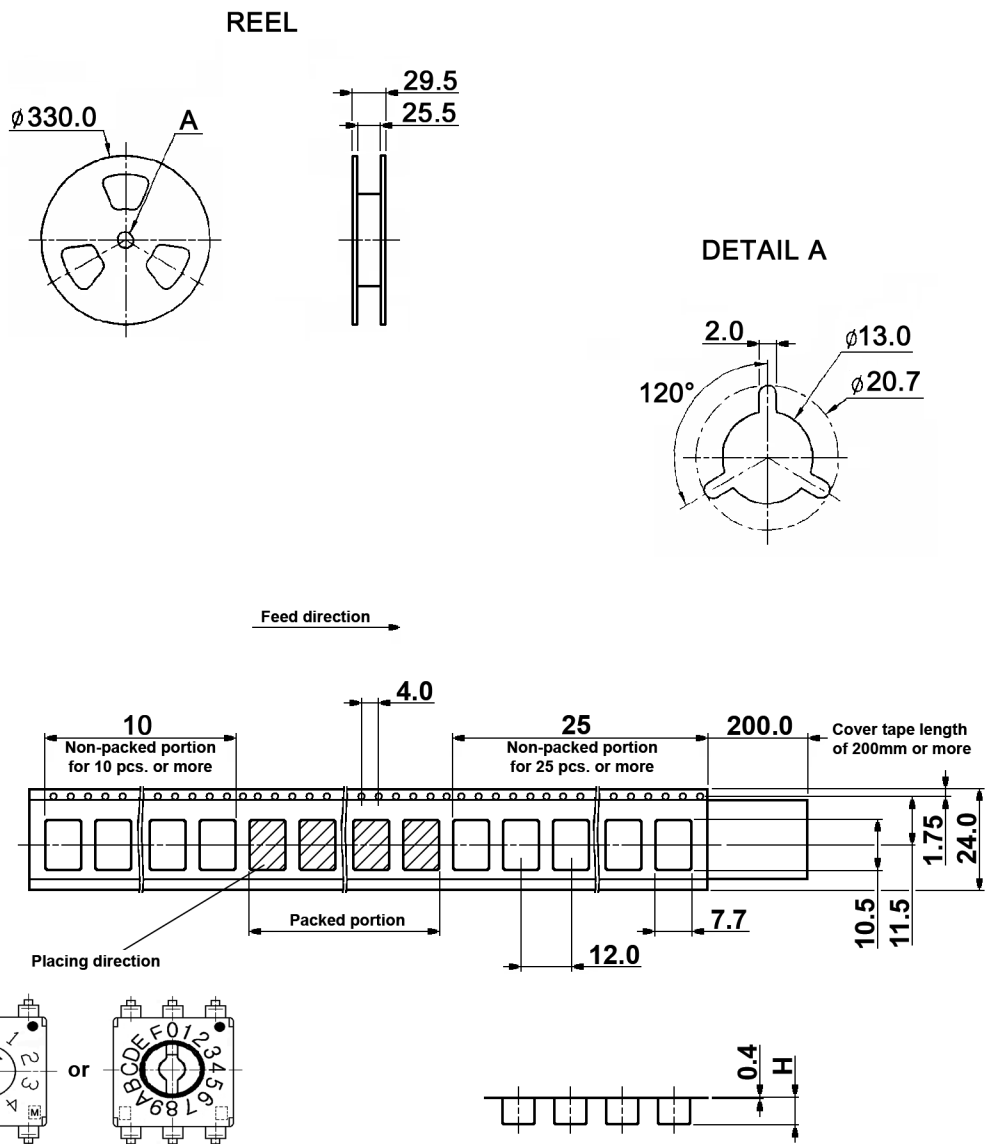
Soldering conditions:



Compliance: RohS III (2015/863/EU)

Tolerances: $\pm 0.5\text{mm}$			Date	Name	SMR 13 000 / SMR 14 000	
			10/96	ey		
Operating temperature	05/20	dr				
Packaging	05/19	dr				
JEDEC-ST 020 D	01/19	dr				
Sealing	01/17	dr			20 26 06	
Contact system	02/15	dr				
Revised	03/13	dr				
Ordering code	08/12	dr	knitter-switch			Page
Date code	03/10	dr				2/4
Dimensions	09/08	dr				
Modifications	Date	Name				

Packaging:



Series	H	Packaging unit
SMR 13000	3.8 mm	1000 pcs. / reel
SMR 14000	7.0 mm	500 pcs. / reel

Compliance: RohS III (2015/863/EU)

Tolerances: ±0.5mm			Date	Name	SMR 13 000 / SMR 14 000					
			10/96	ey						
Operating temperature	05/20	dr								
Packaging	05/19	dr								
JEDEC-ST 020 D	01/19	dr								
Sealing	01/17	dr								
Contact system	02/15	dr								
Revised	03/13	dr								
Ordering code	08/12	dr	knitter-switch					20 26 06		Page
Date code	03/10	dr								3/4
Dimensions	09/08	dr								
Modifications	Date	Name								

		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 III (2015/863/EU)

Tolerances: ±0.5mm			Date	Name	SMR 13 000 / SMR 14 000		
			10/96	ey			
Operating temperature	05/20	dr					
Packaging	05/19	dr					
JEDEC-ST 020 D	01/19	dr					
Sealing	01/17	dr			20 26 06		
Contact system	02/15	dr					
Revised	03/13	dr					
Ordering code	08/12	dr	knitter-switch				Page
Date code	03/10	dr					4/4
Dimensions	09/08	dr					
Modifications	Date	Name					