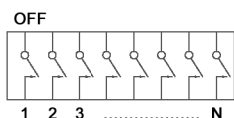
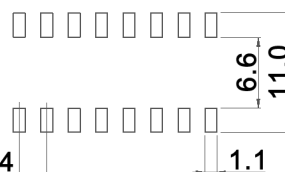


WIRING DIAGRAM



Part No.	A ±0.2
SBP 9102 T	6.08
SBP 9103 T	8.62
SBP 9104 T	11.16
SBP 9105 T	13.70
SBP 9106 T	16.24
SBP 9107 T	18.78
SBP 9108 T	21.32
SBP 9110 T	26.40
SBP 9112 T	31.48

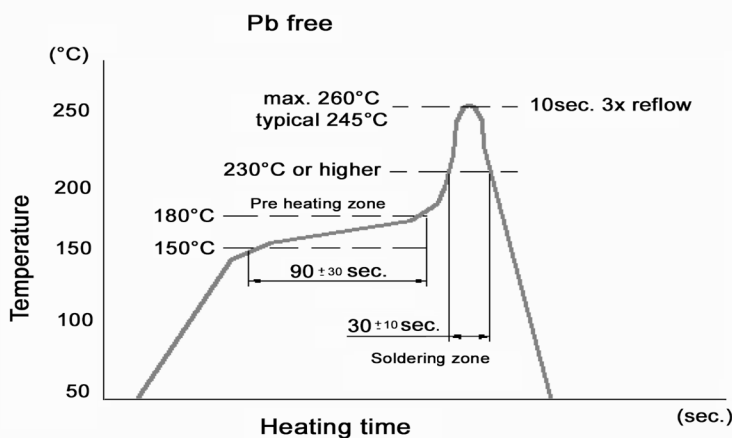
P.C. LAYOUT



Specifications:

Contact rating:	25mA, 24V DC
Contact resistance:	50mOhm
Insulation resistance:	1000MOhm at 100V DC
Dielectric strength:	500V DC for 1 minute
Operating temperature:	-40°C to +85°C
Mechanical life:	3 000 cycles
Electrical life:	2 000 cycles
Operating force:	1000g max.
Material:	Cover / base: high-temp. thermoplastic UL94V-0, black Actuator: high-temp. thermoplastic UL94V-0, white Movable contact: copper alloy, gold plated Terminal: copper alloy, tin plated

Soldering profile:



Tolerances:			Date	Name	SBP 9100 T	
			08/05	dr		
Packaging	06/11	dr				
Marking	09/07	dr				
Mechan. charac.	03/07	dr			30 06 70	
Temperature	10/06	dr				
Part. No.	08/06	dr				
Soldering profile	11/05	dr				
Modifications	Date	Name				Page
						1/3

Mechanical and environmental characteristic:

1. Mechanical life

5 000 cycles for per switch position
2. Operating force

1 000g max.
3. Vibration

1) frequency: 10-55Hz 1 minute / cycle
2) direction: 3 vertical directions (including the direction of operation)
3) test time: 2 hours each direction
4. Shock

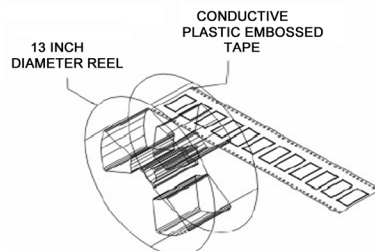
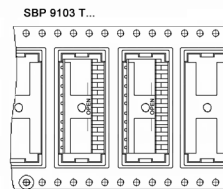
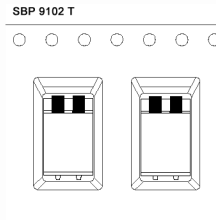
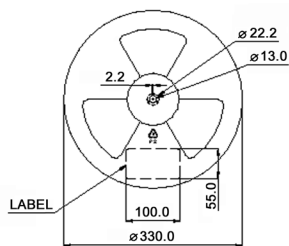
1) peak value: 50G
2) duration: 11 +/-1msec.
3) testing direction: 6 sides
4) test cycle: 3 times / each direction
5) waveform: half-sine
5. Humidity-temperature cycling

1) temperature: 40°C +/-2°C
2) time: 48 hours
3) relative humidity: 90-95%RH
4) contact resistance: 100mOhm max.



Tolerances:			Date	Name	SBP 9100 T	
			08/05	dr		
			knitter-switch		30 06 70	Page
						2/3
Modifications	Date	Name				

Taping specification:



Part No.	Pcs. per reel	Carrier pitch	Carrier width
SBP 9102 T	700	12	24
SBP 9103 T	500	16	24
SBP 9104 T	500	16	24
SBP 9105 T	500	16	24
SBP 9106 T	500	16	24
SBP 9107 T	500	16	24
SBP 9108 T	500	16	44
SBP 9110 T	500	16	44
SBP 9112 T	500	16	44



Tolerances:			Date	Name	SBP 9100 T	30 06 70	Page 3/3
			08/05	dr			
			knitter-switch				
Modifications	Date	Name					