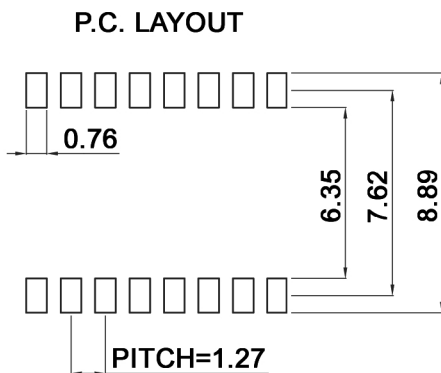
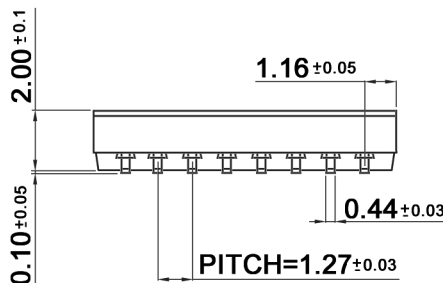
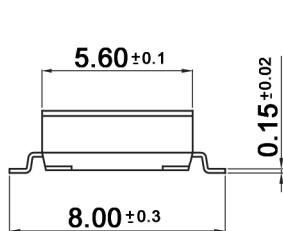


Part No.	A
DHS 901	2.31
DHS 902	3.58
DHS 902-1	3.58
DHS 903	4.85
DHS 904	6.12
DHS 905	7.39
DHS 906	8.66
DHS 908	11.20
DHS 910	13.74
DHS 912	16.28

Specifications:

Contact rating:	switching: 25mA, 24V DC non-switching: 100mA, 50V DC
Contact resistance:	50mOhm max.
Insulation resistance:	100MOhm min. at 500V DC
Dielectric strength:	300V AC for 1 minute
Operating temperature:	-40°C to +105°C
Storage temperature:	-40°C to +105°C
Operating force:	500g max.
Mechanical life:	2 000 cycles
Electrical life:	1 000 cycles
Sealing:	by protective tape, washable by aqueous detergents and isopropyl alcohol
Material:	Cover / base: PPS (UL94V-0), black Actuator: PA46 (UL94V-0), white Fixed contact / terminal: 0.025 µm gold plated over 0.5 µm nickel Movable contact: 0.025 µm gold plated over 0.5 µm nickel

Slider position delivered: OFF

Compliance: RohS III (2015/863/EU)

Tolerances: ±0.2mm			Date	Name	DHS 9xx	
			08/05	dr		
Plating	07/21	dr				
DHS 905	04/15	dr				
Sealing	11/13	dr				
Case design	07/13	dr				
Revised	07/10	dr				
Temperatures	04/10	dr				
DHS 901, DHS 903	10/09	dr				
DHS 902-1	10/08	dr				
Contact rating	10/08	dr	knitter-switch		30 06 71	Page
Temperature	11/05	dr				1/5
Modifications	Date	Name				

Soldering specification:

◆ **Hand soldering**

Soldering iron 30W max at 350°C for 3 sec max or at 270 for 5 sec max.

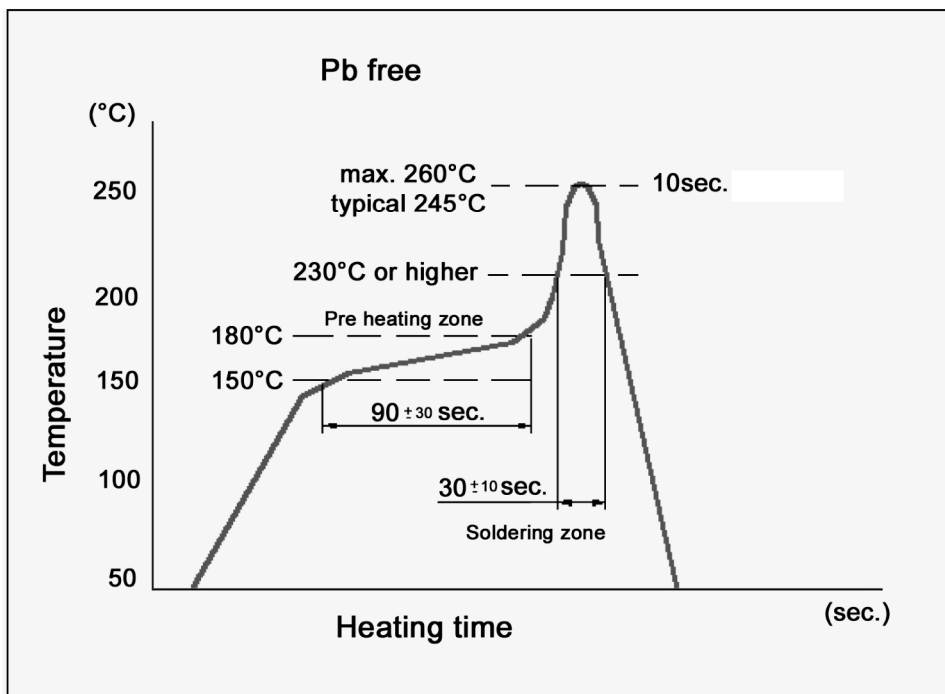
◆ **Reflow soldering**

260°C+/-5°C within 20 sec. In-line or Batch system. Apply reflow soldering only once.

◆ **Keep all actuators in "OFF" position during soldering and cleaning process.**

Switch operation and Taping

- (1) Use tweezers or ball-point pen for operation.
- (2) Flux cleaning should be done without removing the tape.
- (3) If the tape is removed, it adheres less than before when it is placed back on, possibly causing flux inflow
- (4) Do not remove tape seal before Reflow processing .
- (5) Ultrasonic cleaning not re-commended.



Compliance: RohS III (2015/863/EU)

Tolerances: ±0.2mm			Date	Name	DHS 9xx	
			08/05	dr		
Plating	07/21	dr				
DHS 905	04/15	dr				
Sealing	11/13	dr				
Case design	07/13	dr				
Revised	07/10	dr				
Temperatures	04/10	dr				
DHS 901, DHS 903	10/09	dr				
DHS 902-1	10/08	dr				
Contact rating	10/08	dr	knitter-switch		30 06 71	Page
Temperature	11/05	dr				2/5
Modifications	Date	Name				

Vibration:

per MIL-STD-202F method 204D,
10-50Hz, 20G/0.06 inch double amplitude,
no mechanical damage,
no change of switch setting after the test performed for 90 minutes
in each of perpendicular direction.

Shock:

per MIL-STD-202F, method 213B,
1000G, 0.5 ms half-sine waveform
with no mechanical damage,
no change of switch setting after test performed 5 times
in each X,Y,Z direction.

Thermal shock:

per MIL-STD-202F method 103B,
for 5 cycles (1 cycle: -55°C, 25°C, 85°C, 25°C) condition A.

Humidity:

per MIL-STD-202F method 103B,
in a dry oven at a temperature of 40°C
and a humidity of 90% to 95% at 240 hours test time.

Life (heat proof):

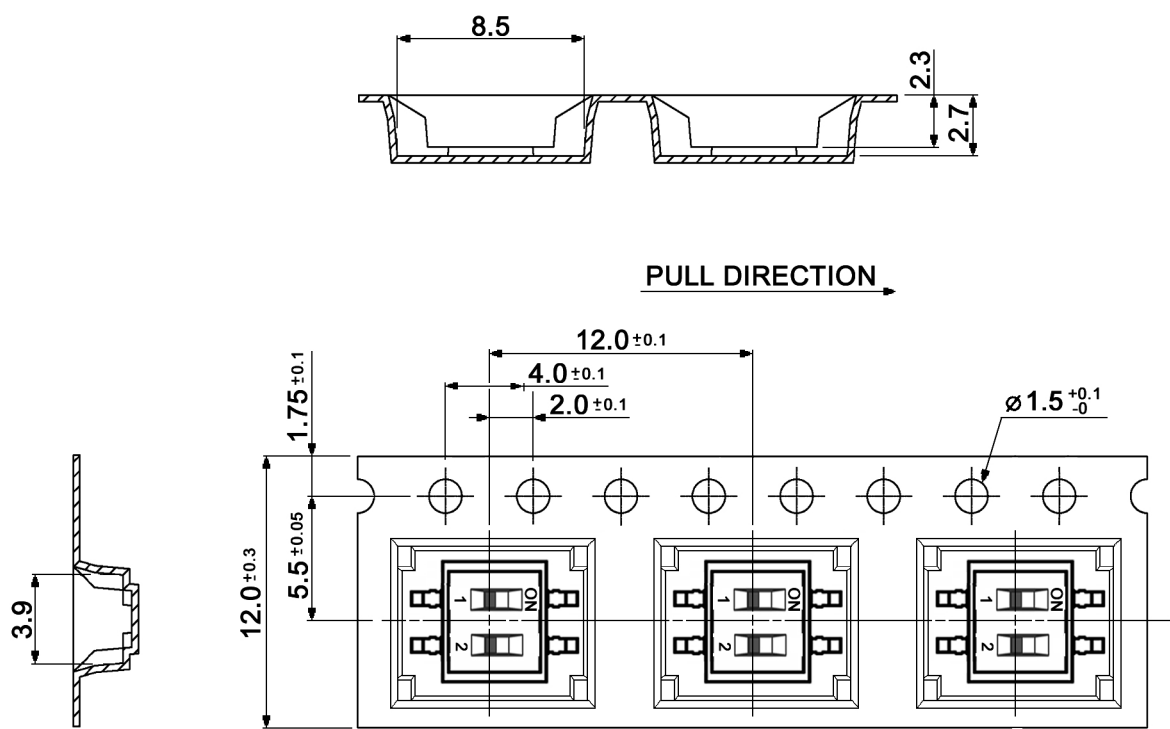
per MIL-STD-202F method 108A,
condition A & condition B.

Compliance: RohS III (2015/863/EU)

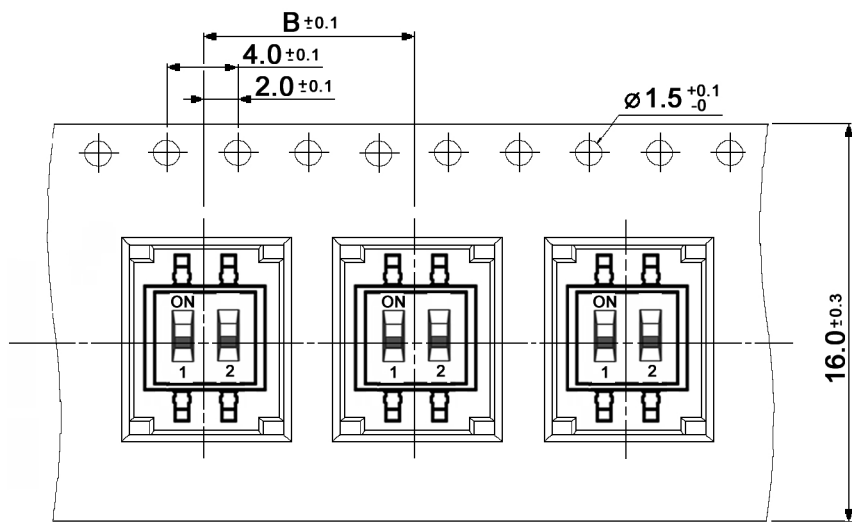
Tolerances: ±0.2mm			Date	Name	DHS 9xx		
			08/05	dr			
Plating	07/21	dr					
DHS 905	04/15	dr					
Sealing	11/13	dr					
Case design	07/13	dr					
Revised	07/10	dr					
Temperatures	04/10	dr					
DHS 901, DHS 903	10/09	dr					
DHS 902-1	10/08	dr					
Contact rating	10/08	dr	knitter-switch			30 06 71	Page
Temperature	11/05	dr					3/5
Modifications	Date	Name					

Packaging:

DHS 902-1 (2 000 pcs / reel):



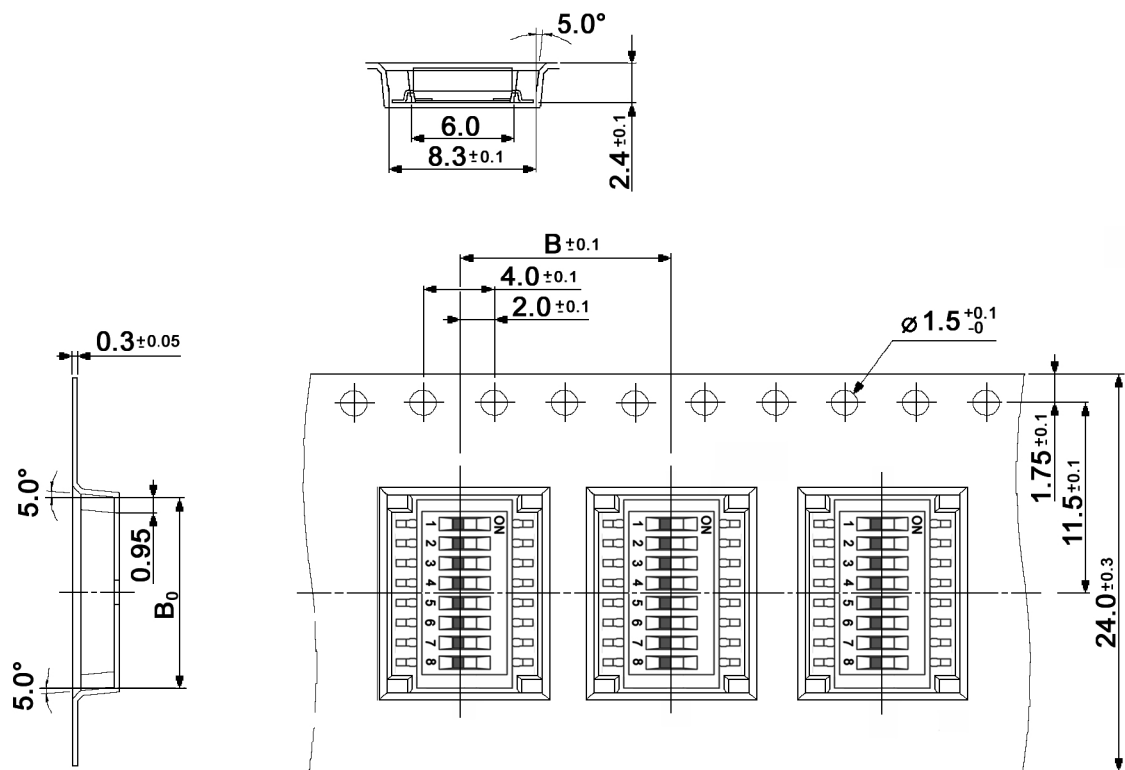
DHS 901 / 902 / 903:



Compliance: RohS III (2015/863/EU)

Tolerances: ±0.2mm			Date	Name	DHS 9xx		
			08/05	dr			
Plating	07/21	dr					
DHS 905	04/15	dr					
Sealing	11/13	dr					
Case design	07/13	dr					
Revised	07/10	dr					
Temperatures	04/10	dr					
DHS 901, DHS 903	10/09	dr					
DHS 902-1	10/08	dr	knitter-switch				
Contact rating	10/08	dr			4/5		
Temperature	11/05	dr					
Modifications	Date	Name					

DHS 904 / 905 / 906 / 908 / 910 / 912:



Part No.	Carrier Width	Pcs. per Reel	B ₀	B
DHS 901	16.0	3 000	4.0	8.0
DHS 902	16.0	3 000	4.0	8.0
DHS 903	16.0	3 000	4.0	8.0
DHS 904	16.0	2 000	6.5	12.0
DHS 905	16.0	2 000	7.7	12.0
DHS 906	16.0	2 000	9.1	12.0
DHS 908	24.0	2 000	11.5	12.0
DHS 910	24.0	2 000	14.1	12.0
DHS 912	24.0	2 000	16.6	12.0

Compliance: RohS III (2015/863/EU)

Tolerances: ±0.2mm			Date	Name	DHS 9xx				
			08/05	dr					
Plating	07/21	dr							
DHS 905	04/15	dr							
Sealing	11/13	dr							
Case design	07/13	dr							
Revised	07/10	dr							
Temperatures	04/10	dr							
DHS 901, DHS 903	10/09	dr			30 06 71				
DHS 902-1	10/08	dr	knitter-switch					Page	
Contact rating	10/08	dr							
Temperature	11/05	dr							
Modifications	Date	Name			5/5				