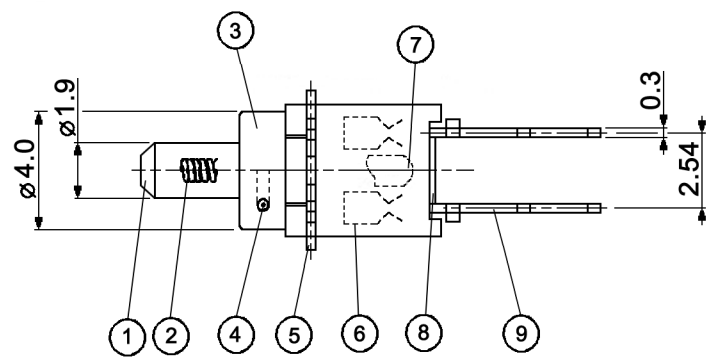
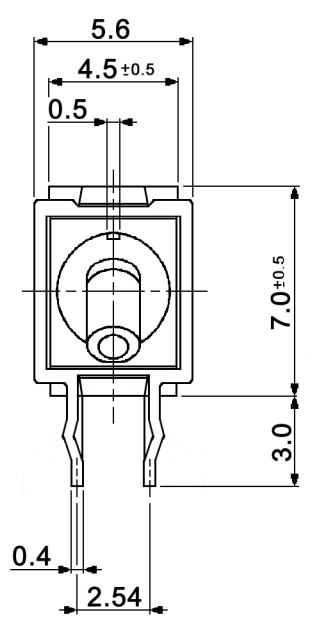
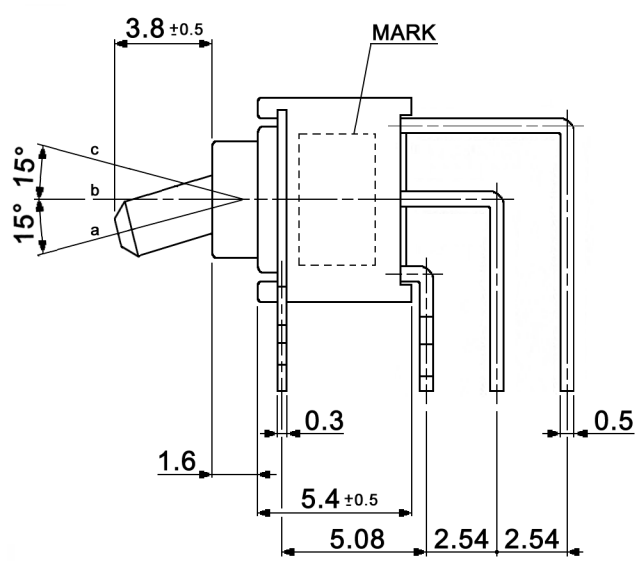
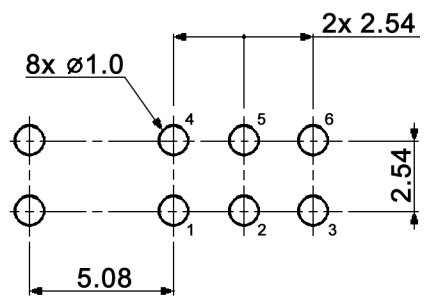
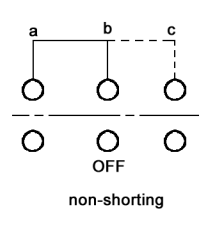




P.C.B. MOUNTING



CIRCUIT DIAGRAM



Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm			Date	Name	FT 2 x-VM			
			02/12	dr				
			knitter-switch			30 25 54		Page
ESD resistance	07/14	dr						
Revised	05/13	dr						1/2
Modifications	Date	Name						

Specifications:

Contact rating:	max.: 0.15A, 25V DC min.: 1µA, 20mV DC
Contact resistance:	100mOhm max.
Insulation resistance:	500MOhm min. at 250V DC for 1 minute
Dielectric strength:	250V AC (50/60Hz, 2mA) for 1 minute
Operating temperature:	-40°C to +85°C
Mechanical life:	50 000 cycles
Operating force:	150 +/-100gf
Soldering conditions:	260°C, 10 +/-1sec.; pre-heat: 100°C, 100sec.
ESD resistance:	8kV min. (between actuator and terminals)
Washable by water or alcohol-based cleaners	
Material:	1 - Actuator: PA66, yellow 2 - Spring: stainless steel, temper 3 - Housing: PA66, black 4 - Plastic washer: silicone rubber, black 5 - Plate: brass, 0.7µm tin plated 6 - Contact: phosphor bronze, 0.6µm gold plated over 1.3µm nickel 7 - Copper pillar: HPB58-3, 3µm nickel plated 8 - Base: PA46, black 9 - 0.6µm gold plated over 1.3µm nickel

x	Switching function	Connection in pos. a	Connection in pos. b	Connection in pos. c
D	on - on	2-3, 5-6	—	1-2, 4-5
E	on - off - on	2-3, 5-6	none	1-2, 4-5

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm			Date	Name	FT 2 x-VM		
			02/12	dr			
					knitter-switch		Page
							2/2
Modifications	Date	Name					