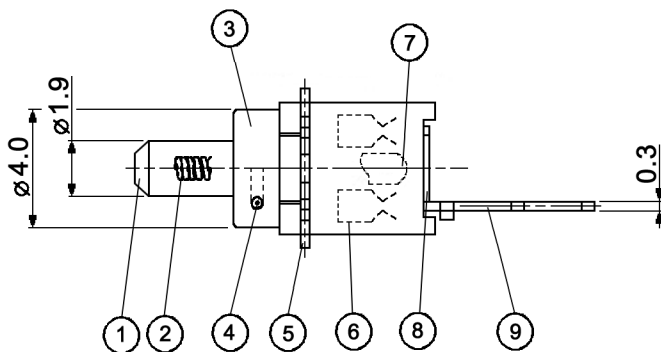
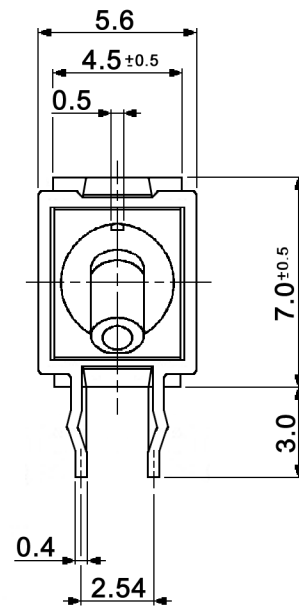
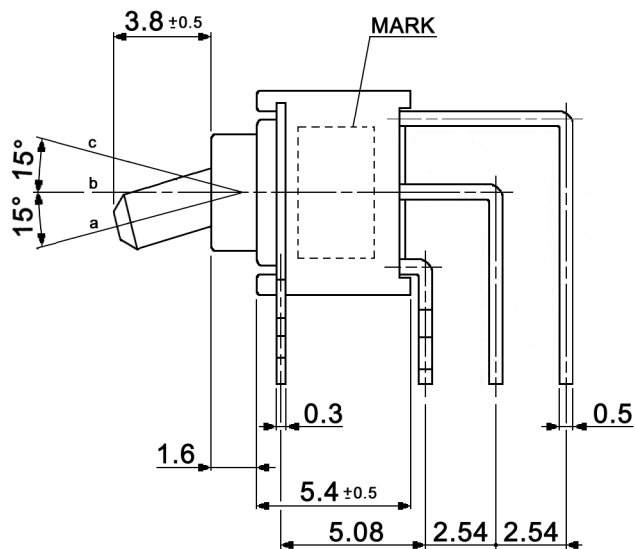
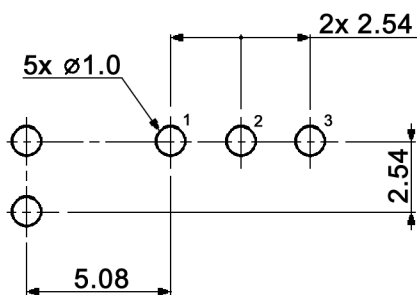
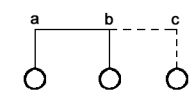




P.C.B. MOUNTING



CIRCUIT DIAGRAM



non-shorting

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm			Date	Name	FT 1x-VM	
			07/13	dr		
					30 29 01	
ESD resistance	07/14	dr	knitter-switch			Page
Modifications	Date	Name				1/2

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

Contact arrangement:

code for x	function	toggle in pos. a	toggle in pos. c
D	On-On	2-3	1-2
F	On-Mom	2-3	1-2

code for x	function	toggle in pos. a	toggle in pos. b	toggle in pos. c
E	On-Off-On	2-3	open	1-2
G	Mom-Off-Mom			
H	On-Off-Mom			

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm			Date	Name	FT 1x-VM		
			07/13	dr			
			knitter-switch		30 29 01		Page
							2/2
Modifications	Date	Name					