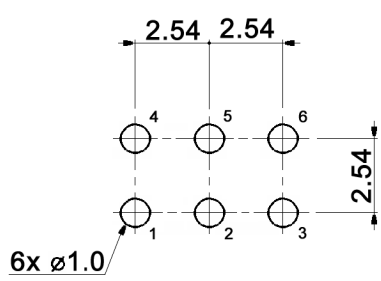


P.C.B. MOUNTING HOLE DIMENSIONS



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	<h1>FT 2 x</h1>
		07/14	dr	
			<h1>knitter-switch</h1>	<h1>30 31 54</h1>
Modifications				1/2
Date	Name			

Specifications:

Contact rating: max.: 0.15A, 28V 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: pre-heat: max. 100°C, max. 100sec.
 soldering: max.: 260°C, 10 +/-1sec.
ESD resistance: 8kV min. (between actuator and terminals)
Washable by water or alcohol-based cleaners
Material: Base: PA46, black
 Contact: phosphor bronze, 0.6µm gold plated over 1.3µm nickel
 Plastic washer: silicone rubber, black
 Spring: stainless steel, temper
 Terminal: phosphor bronze, 0.6µm gold plated over 1.3µm nickel
 Housing: PA66, black
 Slider: PA66, yellow

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm		Date	Name	FT 2 x
		07/14	dr	
		knitter-switch		30 31 54
				Page
				2/2
Modifications	Date	Name		