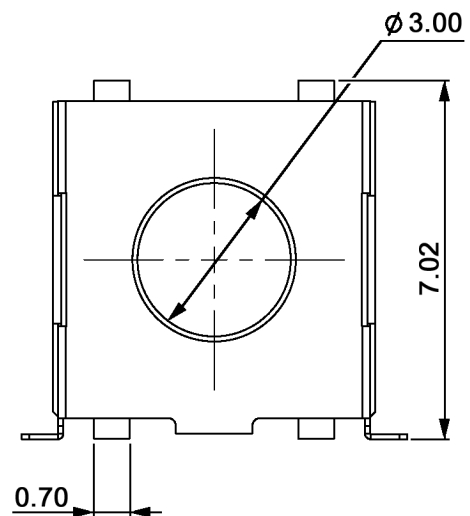
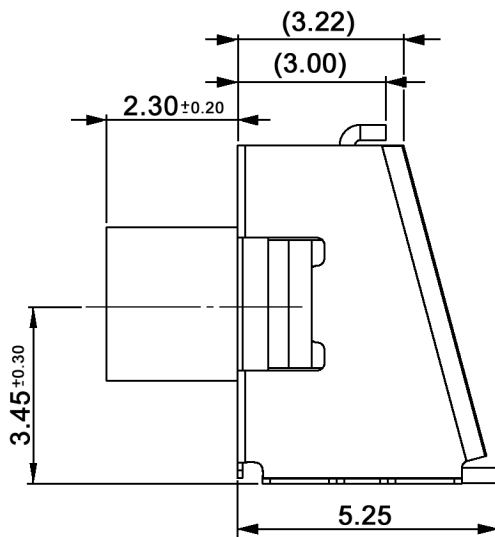
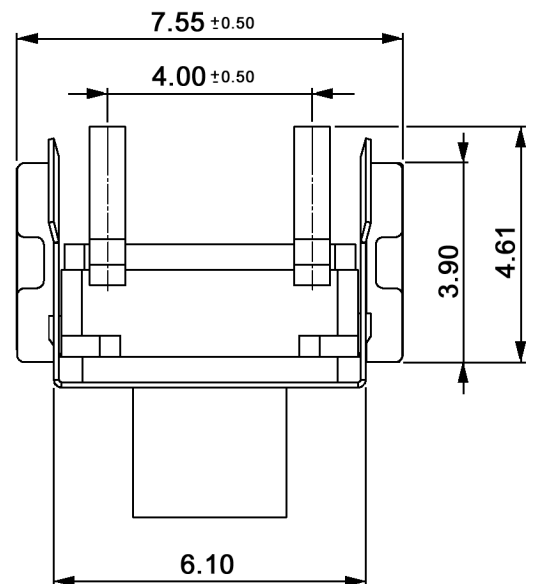
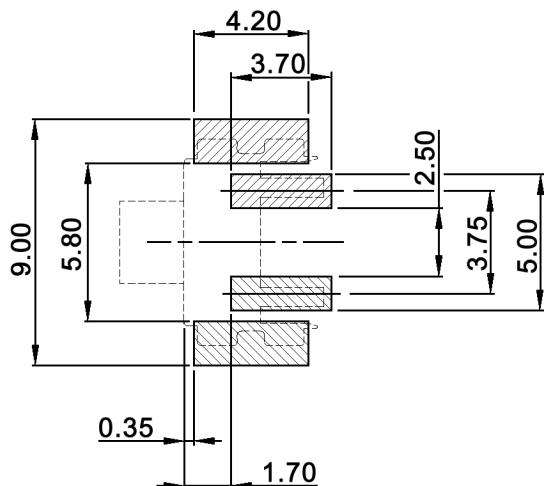
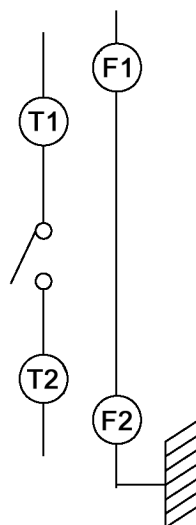




P.C.B. LAYOUT



CIRCUIT DIAGRAM



Tolerances: ±0.20mm			Date	Name
			01/12	dr
Rename	04/12	dr		
Modifications	Date	Name		

TSSE 623 x-RA

knitter-switch

30 25 25

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Contact rating:	50mA, 12V DC
Contact resistance:	100mOhm max.
Insulation resistance:	100MOhm min. at 500V DC for 1 minute
Dielectric strength:	250V AC (50Hz or 60Hz) for 1 minute
Operating temperature:	-40°C to +85°C
Storage temperature:	-40°C to +85°C
Mechanical life:	500 000 cycles
Travel:	0.45 +/-0.2mm
Material:	Cover: nickel silver
	Sealed rubber: silicone rubber hardness: 70°-60°
	Contact: phosphor bronze, silver plated
	Terminal: brass, silver plated
	Base: high-temp. thermoplastic PA9T UL94V-0, molded black

The graph illustrates the temperature profile for IR-reflow soldering. The y-axis represents Temperature in degrees Celsius (°C), and the x-axis represents Time in seconds (sec.). The profile starts at Room temperature, rises to 150°C, then to 230°C, and finally to a peak of 255°C. The time intervals for these stages are 120-150 seconds, 60 seconds, and 5-10 seconds, respectively. The maximum temperature is 260°C.

Temperature (°C)	Time Interval (sec.)
Room temperature to 150	120-150
150 to 230	60
230 to 255	5-10

x	Operating force (gf)	Stem colour
R	260 +/-70	red
N	180 +/-50	brown
RK	260 +/-70	black
NK	180 +/-50	black



Tolerances: $\pm 0.20\text{mm}$			Date	Name	TSSE 623 x-RA
			01/12	dr	
			knitter-switch		30 25 25
Modifications	Date	Name			Page 2/2