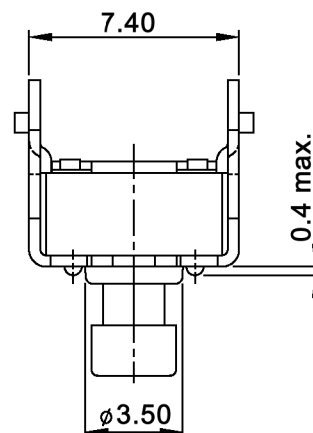
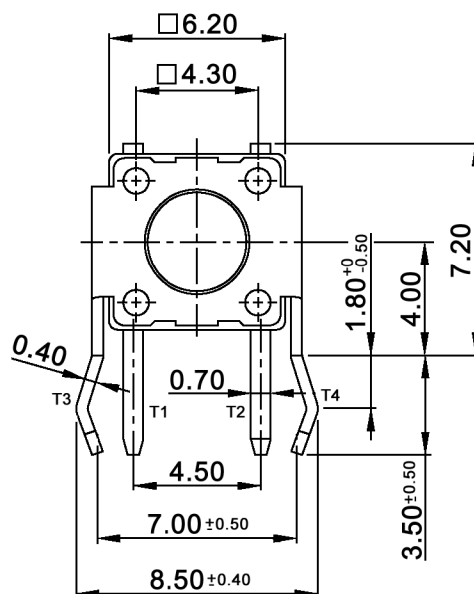
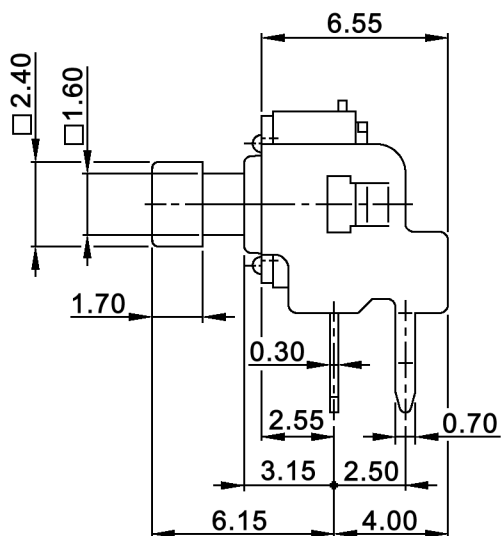
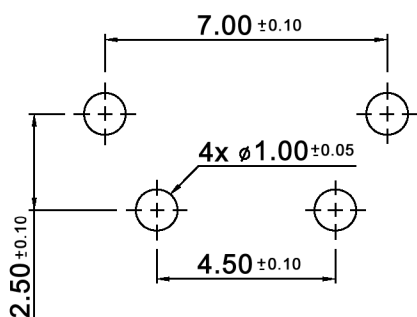
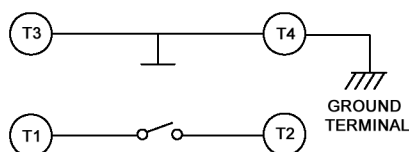




P.C.B. LAYOUT



CIRCUIT DIAGRAM



Tolerances: $\pm 0.20\text{mm max.}$			Date	Name	TS 644 x-RA	
			12/12	dr		
					30 27 54	
			knitter-switch			Page
						1/2
Modifications	Date	Name				

Specifications:

Contact rating: 50mA, 12V DC
Contact resistance: 100mOhm max.
Insulation resistance: 100MOhm min. at 500V DC
Dielectric strength: 250V AC for 1 minute
Operating temperature: -25°C to +70°C
Storage temperature: -30°C to +80°C
Soldering conditions: wave soldering: 260°C, 5sec. max.
Stroke: 0.25 +0.20/-0.10mm
Material: Cover: stainless steel
Contact disc: phosphor bronze, silver cladding
Terminal: brass, silver plated
Base / stem: UL94V-0 nylon high-temp. thermoplastic

x	Operating force (gf)	Stem colour	Electrical life
K	100 +/-50	black	200 000 cycles
N	160 +/-50	brown	200 000 cycles
R	260 +/-50	red	100 000 cycles
S	320 +/-80	salmon	50 000 cycles
Y	520 +/-130	yellow	50 000 cycles



Tolerances: ±0.20mm max.			Date	Name	TS 644 x-RA	
			12/12	dr		
			knitter-switch		30 27 54	Page
						2/2
Modifications	Date	Name				