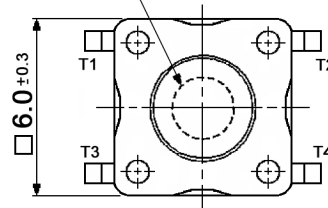
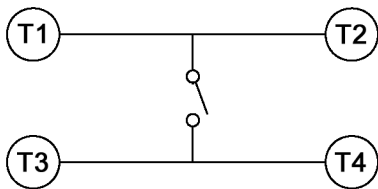


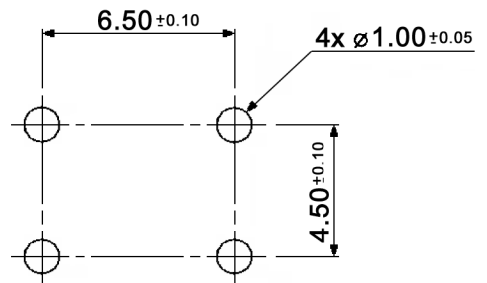
Recommend operating area $\varnothing 2\text{mm}$



CIRCUIT DIAGRAM



P.C.B. LAYOUT

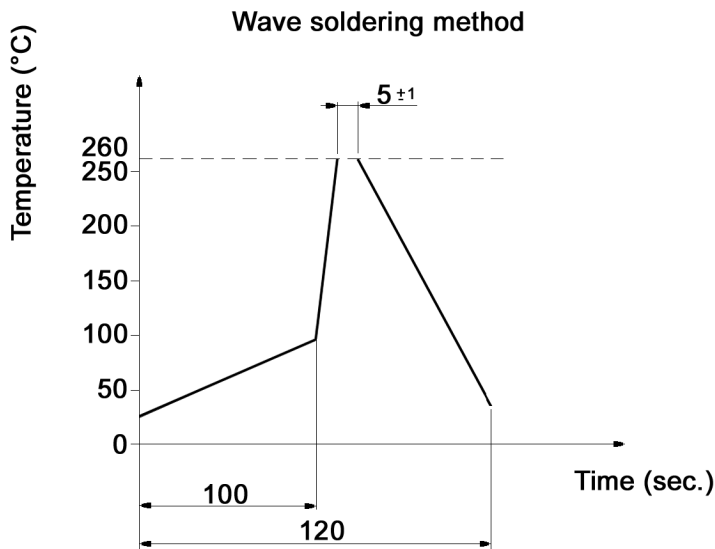


Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: $\pm 0.2\text{mm}$ above 10-50: $\pm 0.3\text{mm}$		Date	Name	<h1>TS 66 x</h1>
		08/15	dr	
			knitter-switch	<h1>30 33 99</h1>
Modifications	Date	Name		

Specifications:

Contact rating: 50mA, 12V DC
 Contact resistance: 100mOhm max.
 Insulation resistance: 100MOhm min. at 500V DC for 1 minute
 Dielectric strength: 250V AC (50/60Hz) for 1 minute
 Operating temperature: -40°C to +85°C
 Storage temperature: -40°C to +85°C
 Soldering conditions: pre-heat: max. 100°C, max. 60sec.
 wave soldering: max. 265°C, max. 5sec.
 Material: Cover: stainless steel
 Stem / base: PPS, UL94V-0
 Contact: phosphor bronze, silver plated over nickel
 Terminal: brass, silver plated over nickel
 Soldering conditions:



x	Operating force	Mechanical life	Stem color
K	100 +/-30 gf	150 000 cycles	black
N	160 +/-50 gf	150 000 cycles	brown
R	250 +/-70 gf	150 000 cycles	red
S	320 +/-70 gf	100 000 cycles	salmon
Y	520 +/-130 gf	50 000 cycles	yellow

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2mm above 10-50: ±0.3mm		Date	Name	TS 66 x
		08/15	dr	
			knitter-switch	30 33 99
Modifications		Date	Name	Page 2/2