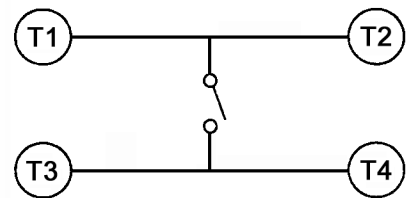
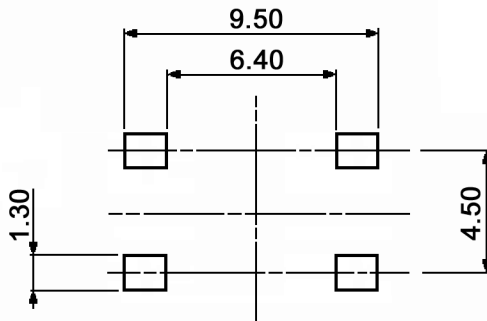


CIRCUIT DIAGRAM



P.C.B. LAYOUT



Tolerances: max. ±0.20mm			Date	Name
			01/06	dr
Revised	10/10	dr		
Modifications	Date	Name		

**TSS 644 x**

**30 07 76**

Page

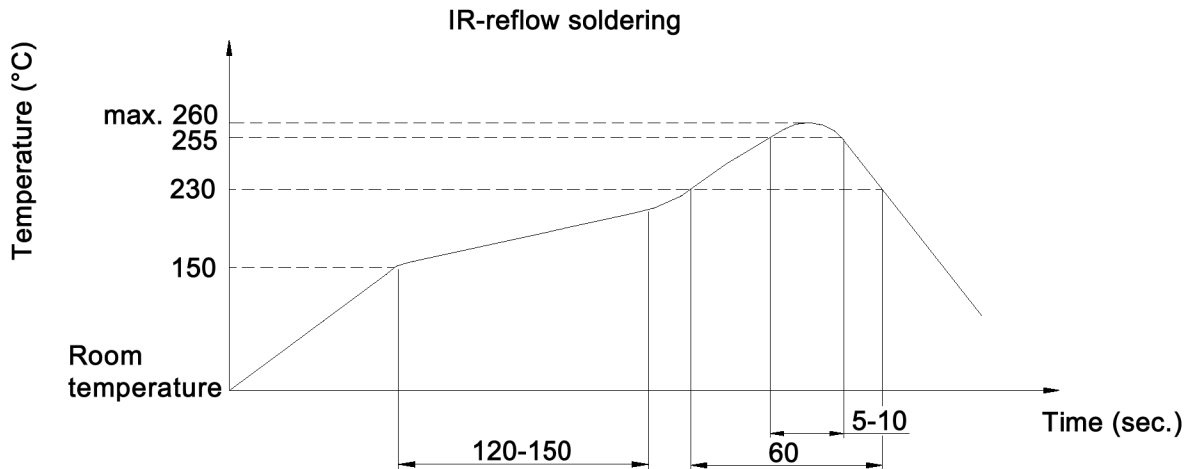
1/2

**knitter-switch**

**Specifications:**

**Contact rating:** 50mA, 12V DC  
**Contact resistance:** 100mOhm max.  
**Insulation resistance:** 100MOhm min. at 500V DC  
**Dielectric strength:** 250V, 50Hz for the duration of 1 minute  
**Operating temperature:** -25°C to +70°C  
**Contacts:** phosphor bronze, silver plated  
**Terminals:** brass, silver plated  
**Material:** Cover: stainless steel  
 Base / stem: thermoplastic nylon meets UL94V-0

**Soldering conditions:**



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



Tolerances: max. ±0.20mm		Date	Name	<h1>TSS 644 x</h1>
		01/06	dr	
			<b>knitter-switch</b>	<h2>30 07 76</h2>
Modifications		Date	Name	Page 2/2