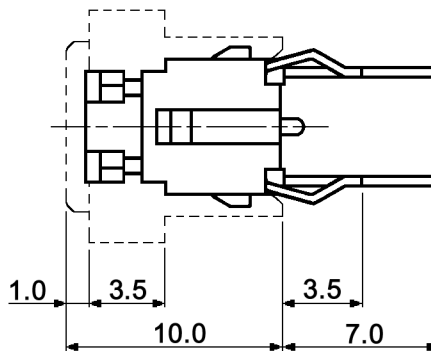
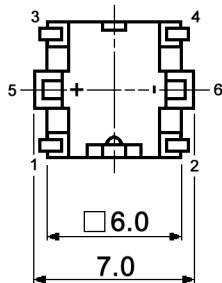
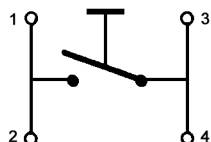
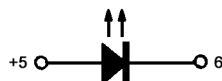




CIRCUIT DIAGRAM



LED



x	Color	I _F (mA)	U _F (V)
R	red	20	2.0
G	green	10	1.95
Y	yellow	10	1.9

Specifications:

Contact rating:

TR: 10mA, 12V DC
TM: 50mA max., 48V DC, 1W

Contact resistance:

TR: 500Ohm max. at 1.5N operating force
TM: 100mOhm max. at 2N operating force

Insulation resistance:

100MOhm min. at 100V DC

Dielectric strength:

250V, 50Hz for the duration of 1 minute

Operating temperature:

-25°C to +70°C

Electrical life:

TR: min. 100 000 cycles
TM: min. 300 000 cycles

Soldering conditions:

TR: auto-soldering: max.: 245 +/-10°C, 3sec.
TM: auto-soldering: max.: 300°C, 5sec.

Switching function:

off - mom

Travel:

TR: 1.0mm
TM: 0.25mm

Mounting:

on pc-board

Material:

Contacts: TR: rubber contact bridge; fixed contact phosphor bronze, gold plated
TM: metal contact; stainless steel, silver plated
Terminals: PC terminals; TR: gold plated
TM: silver plated

Button: PBT

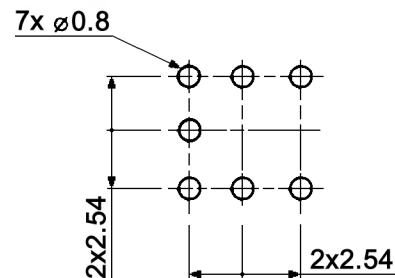
Case: TR: PA meets UL94V-0

TM: 6T PA resin

Caps: ABS

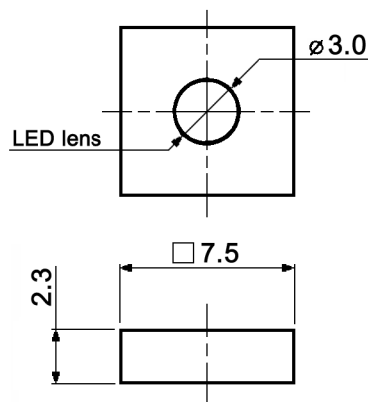
Compliance: RohS II (2011/65/EU)

P.C. MOUNTING



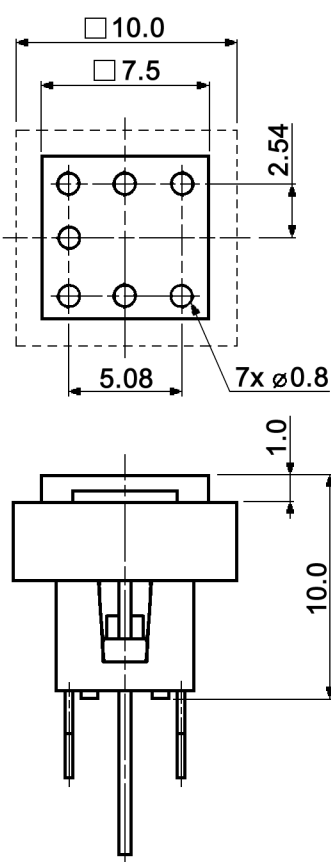
Tolerances:			Date	Name	TR 2-Lx / TM 2-Lx	
			01/09	dr		
					20 09 90	
Caps description	10/17	dr	knitter-switch		Page	
Modifications	Date	Name				
					1/2	

Caps:

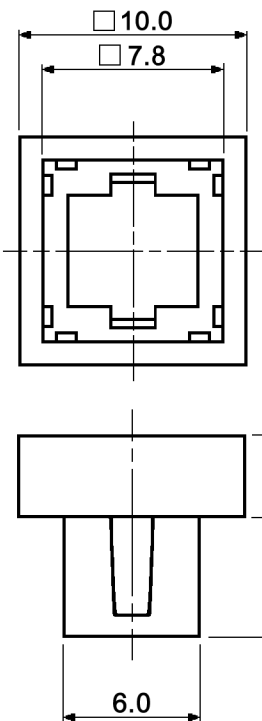


dark grey	KT 1117
grey	KT 1107
light grey	KT 1127
ivory	KT 1111
silver	KT 1121
red	KT 1109
blue	KT 1104
brown	KT 1102

Mounting dimensions:



Bezels:



dark grey	FM 1017
grey	FM 1007
light grey	FM 1027
ivory	FM 1011

Compliance: RohS II (2011/65/EU)

Tolerances:			Date	Name	TR 2-Lx / TM 2-Lx		
			01/09	dr			
Modifications			Date	Name	knitter-switch	20 09 90	Page
							2/2