

TC017L SERIES

LED TACT SWITCH



Feature -

Mini in Dimension , SPST
LED illuminated

Applications -

Consumer products
Instrumentation
Computer products
Communication equipment

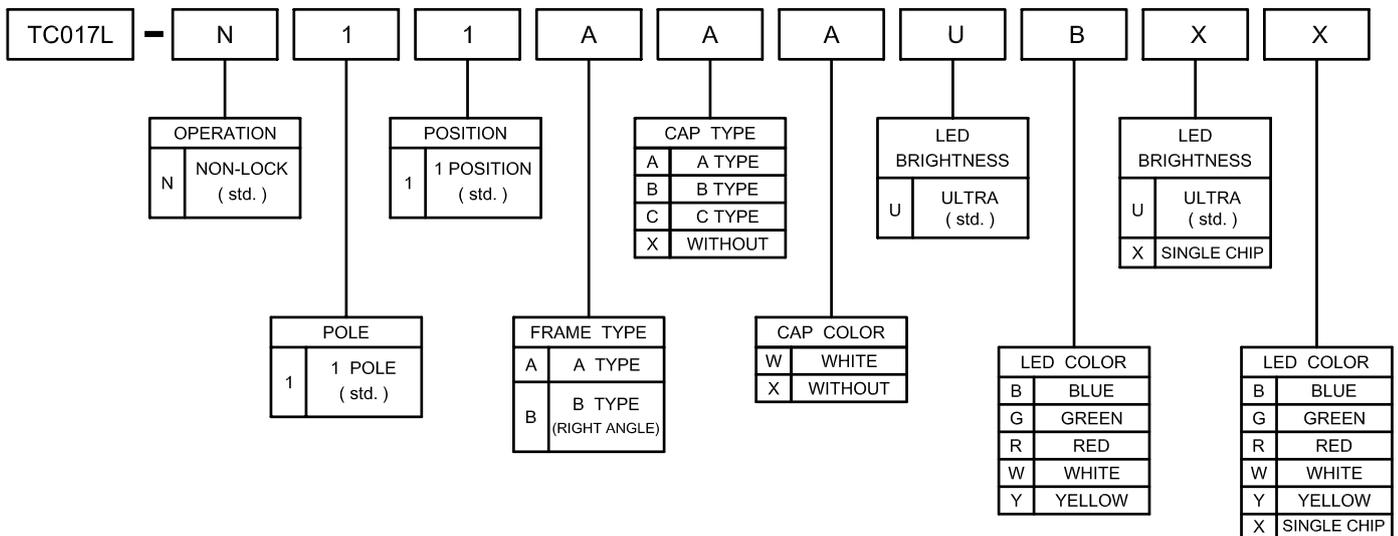
► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	Momentary action , SPST
CONTACT RATING	MAX. : 12 V DC , 50 mA MIN. : 1 V DC , 50 μ A
CONTACT RESISTANCE	500 m Ω MAX. 5 V DC ; 10 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 M Ω MIN. 100 V DC for 1 minute
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 250 V AC for 1 Minute
OPERATING FORCE	160 \pm 50 gf
OPERATING LIFE	100,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	0.2 \pm 0.10 mm

LED SPECIFICATIONS						
ATTENTION  LEDs are Electrostatic Sensitive devices	Unit	Value / LED Color				
		Blue	Green	Red	Yellow	
FORWARD CURRENT	I_f	mA	20	20	20	20
REVERSE VOLTAGE	V_r	V	5.0	5.0	5.0	5.0
REVERSE CURRENT	I_r	μ A	10	10	10	10
FORWARD VOLTAGE@20mA	V_f	V	3.5-3.8	2.0-2.5	2.0-2.5	2.0-2.5
LUMINOUS INTENSITY@20mA	I_v	mcd	45	20	80	80

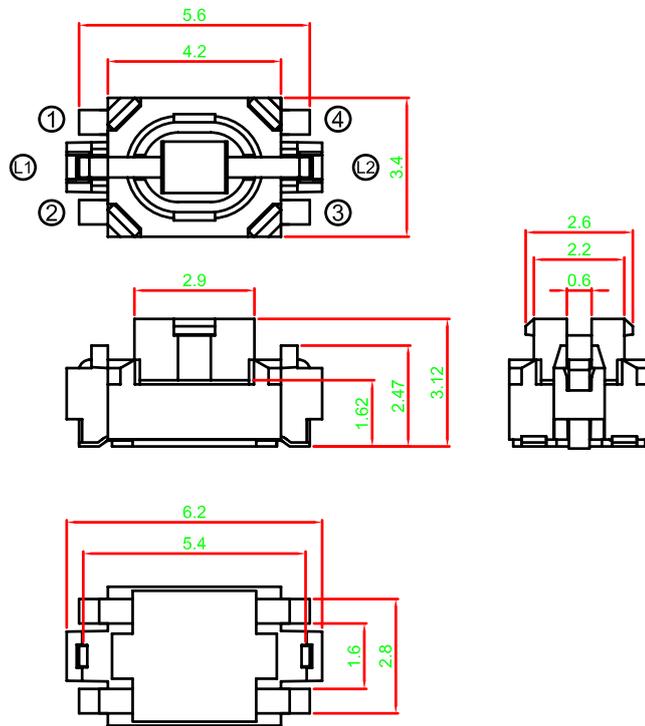
■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER

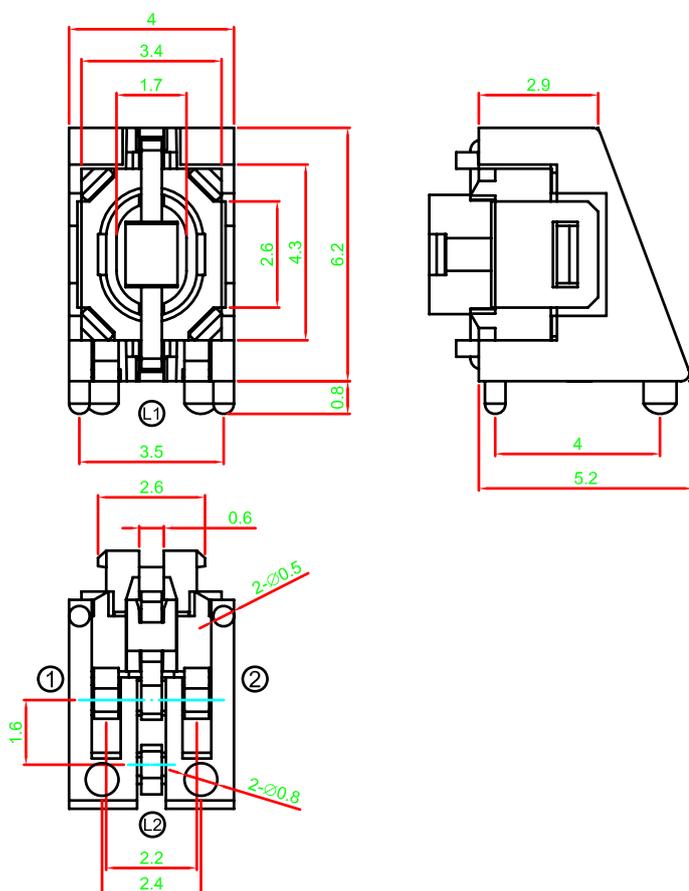


► DIMENSION

TC017L-N11AXXURXX

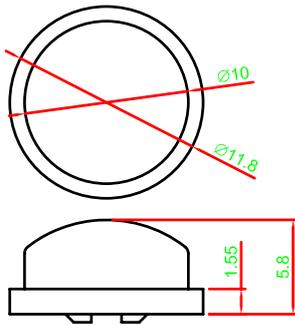


TC017L-N11BXXUBXX

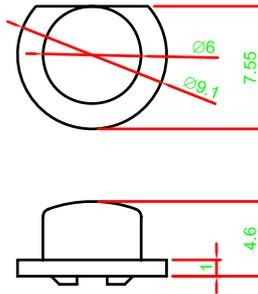


▶ KNOB OPTION

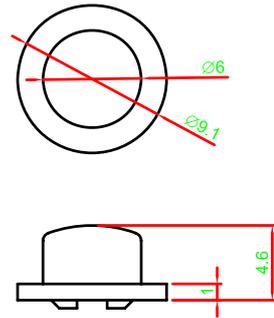
A TYPE



B TYPE

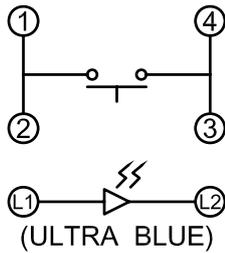


C TYPE

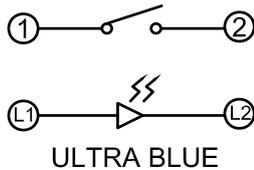


▶ CIRCUIT DIAGRAM

FRAME : A

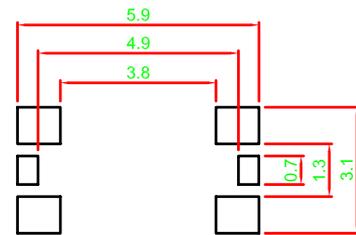


FRAME : B

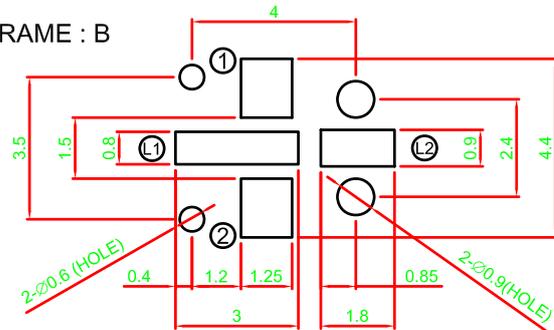


▶ P.C.B. LAYOUT

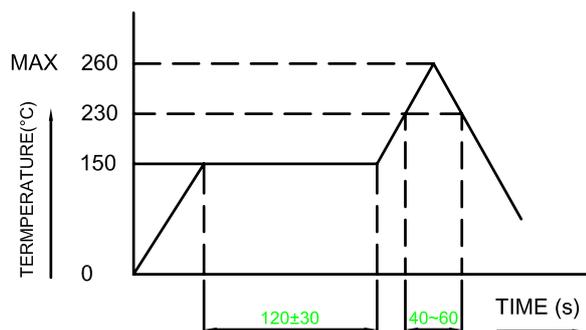
FRAME : A



FRAME : B



▶ REFLOW SOLDERING



▶ MATERIAL

- COVER : SUS
- ACTUATOR : PA
- BASE : LCP
- TERMINAL : BRASS SILVER PLATING

▶ UNIT WEIGHT

- TC017L-N11AXXUBXX : 0.06 ± 0.005 g / pc
- TC017L-N11BXXUBXX : 0.16 ± 0.005 g / pc