

Feature -

- SPST
- mini in dimension
- bi-color LED illuminated available
- SMT, right angle, and vertical PCB terminal

Application -

- consumer products
- computer products
- instrumentation
- communication equipments

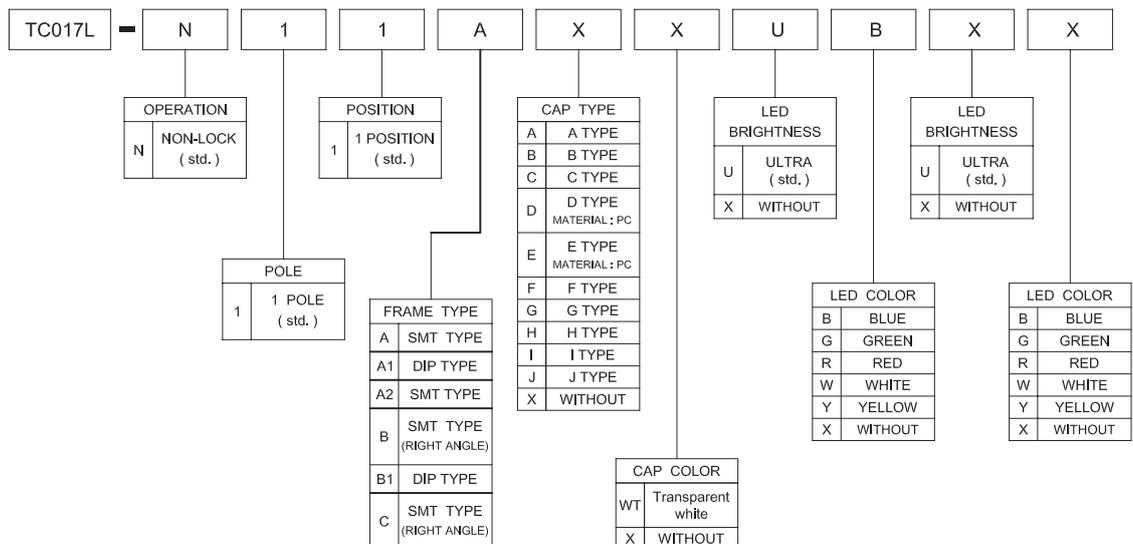
► SPECIFICATIONS

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		Value / LED Color			
ATTENTION	Unit	Blue	Green	Red	Yellow
		LEDs are Electrostatic Sensitive devices			
FORWARD CURRENT	If	20	20	20	20
REVERSE VOLTAGE	Vr	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	10	10	10	10
FORWARD VOLTAGE@20mA	Vf	3.5-3.8	2.0-2.5	2.0-2.5	2.0-2.5
LUMINOUS INTENSITY@20mA	Iv	45	20	80	80

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

► HOW TO ORDER



DIMENSION

TC017L-N11AXX □□□□

Dimensions (mm):
 Top view: 5.6, 5.4, 4.2, 3.4
 Side view: 6.2, 2.9, 1.62, 2.47, 3.12
 Front view: 2.6, 2.2, 0.6, 0.5, 1.6, 2.8

TC017L-N11A1XX □□□□

Dimensions (mm):
 Top view: 5.4, 4.2, 3.4
 Side view: 6.2, 2.9, 1.62, 2.47, 3.12
 Front view: 2.6, 2.2, 0.6, 1.5, 0.6, 2.2

TC017L-N11A2XX □□□□

Dimensions (mm):
 Top view: 5.6, 4.2, 3.4
 Side view: 6.2, 2.9, 1.62, 2.47, 3.12
 Front view: 7.2, 2.6, 2.2, 0.6, 0.5, 1.6, 2.8

TC017L-N11CXX □□□□

Dimensions (mm):
 Top view: 6.4, 0.5, 2.6, 1.7, 2, 0.8, 3.4
 Side view: 2.9, 0.6, 1.6, 1.5, 1.6, 0.8, 0.2, 1.4, 3.9, 0.65, 1.1, 1.25, 2.3
 Front view: 0.6, 2, 3.4, 5.45

TC017L-N11BXX □□□□

Dimensions (mm):
 Top view: 4, 2.6, 2.9, 4.3, 6.2, 0.8, 3.5
 Side view: 2.6, 0.6, 2-φ0.5, 2-φ0.8, 2.2, 2.4
 Front view: 1.6, 3.1, 5.2, 4, 2.9

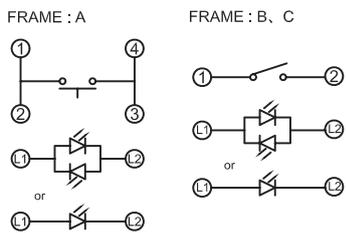
TC017L-N11B1XX □□□□

Dimensions (mm):
 Top view: 4, 6.2, 1.5, 0.5, 0.6, 4.2
 Side view: 2.6, 0.6, 2.55, 2.35, 3.45, 2.4, 2-φ0.8
 Front view: 5.2, 2.05, 3.1, 2.9, 0.8, 3.55, 0.65, 0.1, 0.8

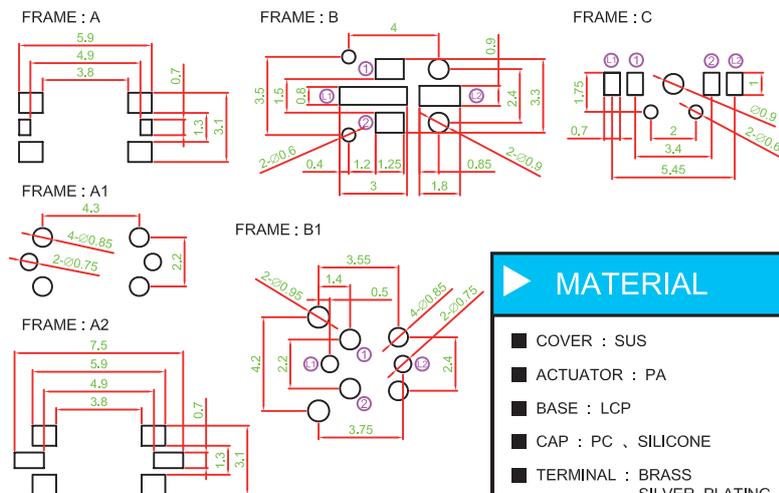
▶ **KNOB TYPE OPTION**

<p>A TYPE</p>	<p>B TYPE</p>	<p>C TYPE</p>	
<p>D TYPE</p>	<p>E TYPE</p>	<p>F TYPE</p>	
<p>G TYPE</p>	<p>H TYPE</p>	<p>I TYPE</p>	<p>J TYPE</p>

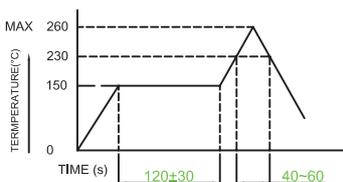
▶ **CIRCUIT DIAGRAM**



▶ **P.C.B. LAYOUT**



▶ **REFLOW SOLDERING**



▶ **MATERIAL**

- COVER : SUS
- ACTUATOR : PA
- BASE : LCP
- CAP : PC , SILICONE
- TERMINAL : BRASS SILVER PLATING

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Well Buying:

[TC017L-N11B1XXUGXX-1](#) [TC017L-N11CXXUBXX-1](#) [TC017L-N11AAWURXX](#) [TC017L-N11AAWUWXX](#) [TC017L-N11AAWUYXX](#) [TC017L-N11AAWUGXX](#) [TC017L-N11AAWUBXX](#) [TC017L-N11B1XXUGUY-1-LF](#) [TC017L-N11B1XXUBXX-1-LF](#)