

# TC001 SERIES

LED TACT SWITCH



**Feature -**

- compact size
- two LEDs inside
- reflow soldering available

**Application -**

- consumer products
- computer products
- instrumentation
- communication equipments
- hand-held devices

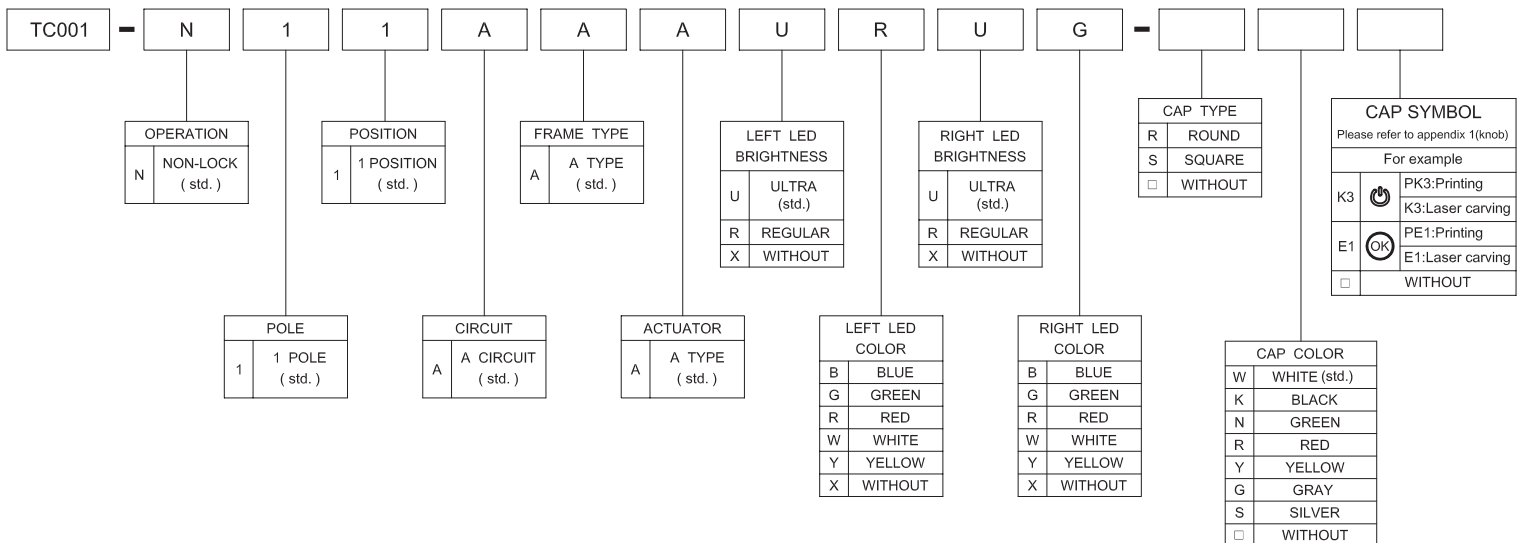
## ► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	Momentary Type , SPST with LED
CONTACT RATING	12 V DC , 50 mA MAX. ; 1 V DC , 10 µA MIN.
CONTACT RESISTANCE	500 mΩ MAX. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 100 V DC for 1 minute
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 250 V AC for 1 Minute
OPERATING FORCE	160 +75 / -30 gf
OPERATING LIFE	30,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	0.25 +0.2 / -0.1 mm

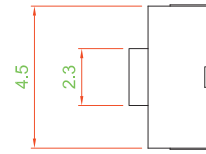
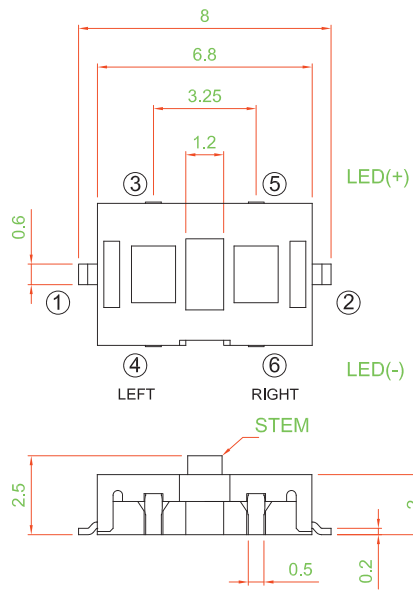
LED SPECIFICATIONS								
ATTENTION	LED SYMBOL	Unit	Value / LED Color					
			Blue	Green	Red	Yellow		
ATTENTION LEDs are Electrostatic Sensitive devices		FORWARD CURRENT	If	mA	20	20	20	20
		REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0
		REVERSE CURRENT	Ir	µA	10	10	10	10
		FORWARD VOLTAGE@20mA	Vf	V	3.5-3.8	2.0-2.5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

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

## ► HOW TO ORDER



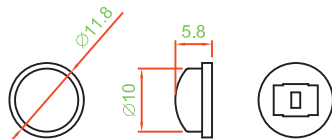
► DIMENSION



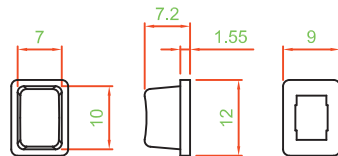
► TC001-N11AAA □ □ □ □

► KNOB OPTION

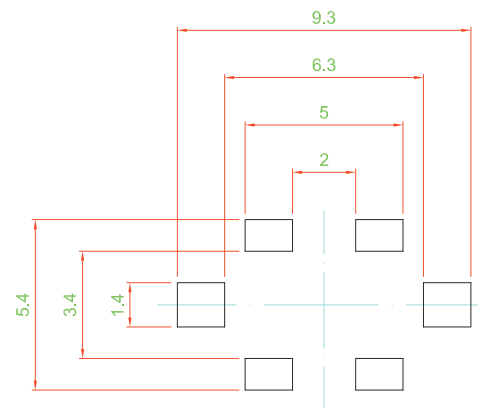
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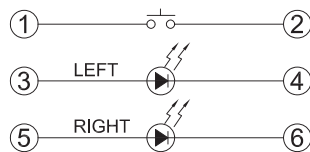
TYPE : S



► P.C.B. LAYOUT



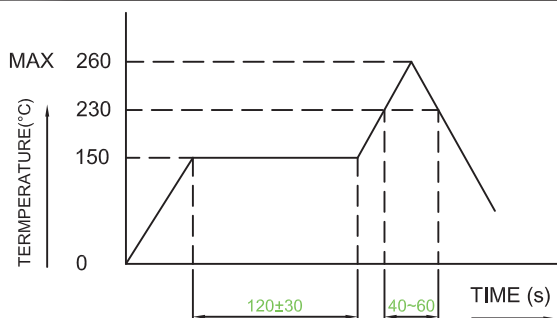
► CIRCUIT DIAGRAM



► MATERIAL

- COVER : LCP+GF
- ACTUATOR : LCP+GF
- BASE : LCP+GF
- TERMINAL : BRASS SILVER PLATING

► REFLOW SOLDERING



► PACKAGING

- TAPE & REEL : 3000 pcs / reel

► UNIT WEIGHT

- TC001 : 0.1 ± 0.01 g / pc

