



Feature -

- Compact size
- Two LEDs inside
- Reflow soldering available

Applications -

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments
- Hand-held devices

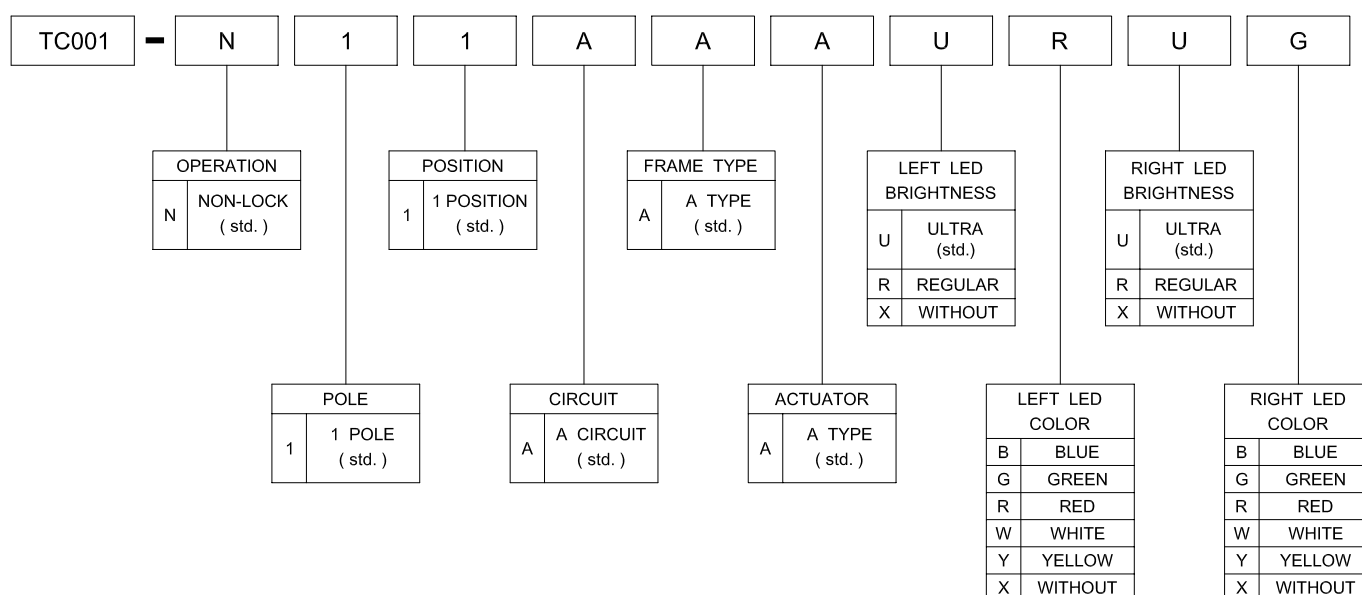
► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	Momentary Type , SPST with LED
CONTACT RATING	12 V DC , 50 mA max. ; 1 V DC , 10 μ A min.
CONTACT RESISTANCE	500 m Ω max. 1.5 V DC ; 100 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 +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	LEDs are Electrostatic Sensitive devices	Unit	Value / LED Color				
			Blue	Green	Red	Yellow	
FORWARD CURRENT	I_f	mA	30	30	15	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	1.7-2.6	1.7-2.6	1.7-2.6	
LUMINOUS INTENSITY@20mA	I_v	mcd	45	6	4	5	

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

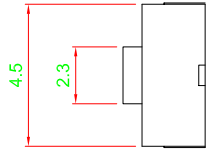
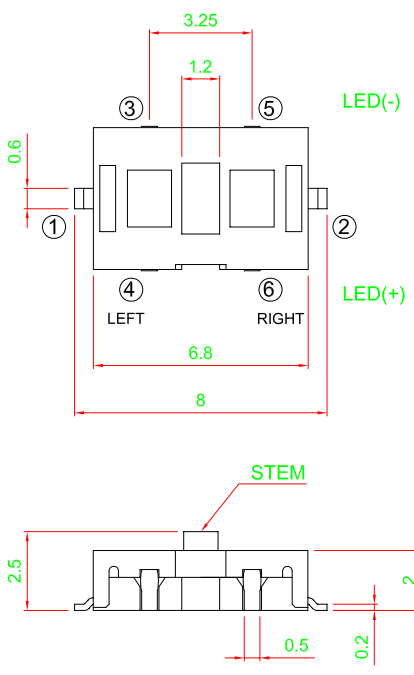
► HOW TO ORDER



TC001 SERIES

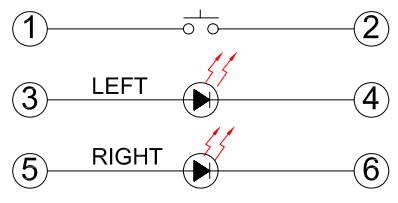
LED TACT SWITCH

► DIMENSION

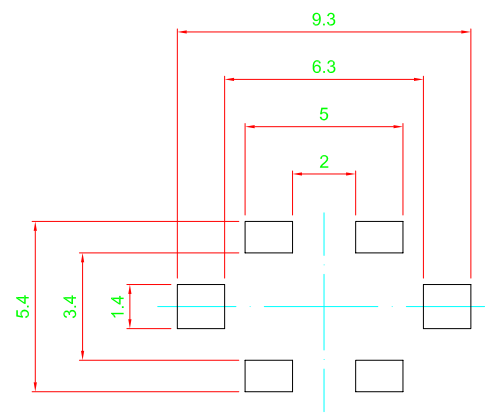


► TC001-N11AAA □ □ □ □

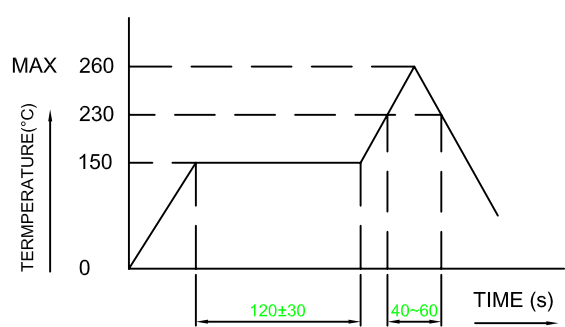
► CIRCUIT DIAGRAM



► P.C.B. LAYOUT



► REFLOW SOLDERING



► MATERIAL

- COVER - PA9T+GF
- ACTUATOR - LCP+GF
- BASE - LCP+GF
- TERMINAL - BRASS SILVER PLATING

► PACKAGING

- TAPE & REEL - 3000 pcs / reel

► UNIT WEIGHT

- TC001 - 0.1 ± 0.01 g / pcs



Ref Std. Part number	Left Led	Right Led	Std. packing (PCS)	N.W. (kg/Ctn)	G.W. (kg/Ctn)	MEAS. (cm ³ /CTN)
TC001-N11AAAURUR	red	red	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUGUG	green	green	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUYUY	yellow	yellow	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUBUB	blue	blue	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUWUW	white	white	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUG	red	green	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUY	red	yellow	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUB	red	blue	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUBXX	blue	none	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUWXX	white	none	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURXX	red	none	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUGXX	green	none	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUYXX	yellow	none	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUG	red	green	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUY	red	yellow	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAUYUG	yellow	green	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32
TC001-N11AAAURUB	red	blue	3000/reel, 10 reel/ctn	3.00	8.50	35*35*32