



Feature -

DPST
two buttons in line
vertical PCB mount
LED illuminated available

Applications -

office equipments
measuring instruments
audio, TV, VCRs
many types of electronic equipments

► **SPECIFICATIONS**

SWITCH SPECIFICATIONS	
POLE - POSITION	DPST
CONTACT RATING	12 V DC , 50 mA
CONTACT RESISTANCE	100 mΩ MAX, 5 V DC ; 1 A , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 100 V DC for 1 minute
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 100 V AC for 1 Minute
OPERATING FORCE	160 ± 50 gf
OPERATING LIFE	500,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	0.25 ± 0.10 mm

LED SPECIFICATIONS		Value / LED Color			
	Unit				
		Blue	Green	Red	Yellow
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	3.3-4.0	2.1-2.5	2.0-2.5	2.0-2.5
LUMINOUS INTENSITY@20mA	Iv	1300	700	900	700

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

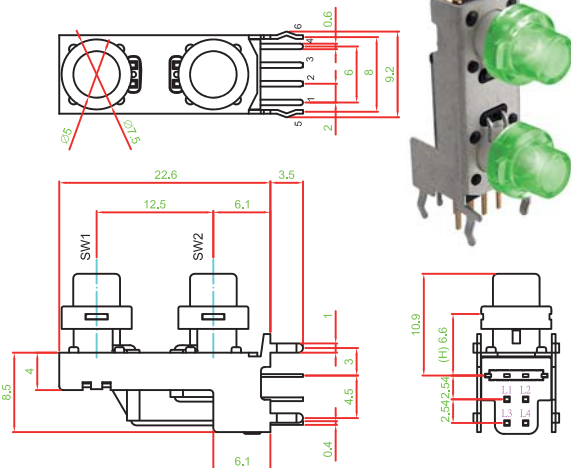
► **HOW TO ORDER**

TC004L	-	N	2	1	X	X	A	X	X	A	G	R	G	R	
		OPERATION		POSITION		CAP COLOR (SW1)		FRAME TYPE (SW2)		ACTUATOR (SW2)		LED COLOR WITH SW1		LED COLOR WITH SW2	
		N NON-LOCK (std.)		1 1 POSITION (std.)		T Transparent (std.)		X WITHOUT CAP (std.)		A H=6.6		B BLUE		B BLUE	
						X WITHOUT		R1 ROUND		B H=8.55		G GREEN		G GREEN	
								R2 ROUND				R RED		R RED	
												W WHITE		W WHITE	
												Y YELLOW		Y YELLOW	
												X WITHOUT		X WITHOUT	
		POLE		FRAME TYPE (SW1)		ACTUATOR (SW1)		CAP COLOR (SW2)		LED COLOR WITH SW1		LED COLOR WITH SW2			
		2 2 POLE (std.)		X WITHOUT CAP (std.)		A H=6.6		T Transparent (std.)		B BLUE		B BLUE			
				R1 ROUND		B H=8.55		X WITHOUT		G GREEN		G GREEN			
				R2 ROUND						R RED		R RED			
										W WHITE		W WHITE			
										Y YELLOW		Y YELLOW			
										X WITHOUT		X WITHOUT			

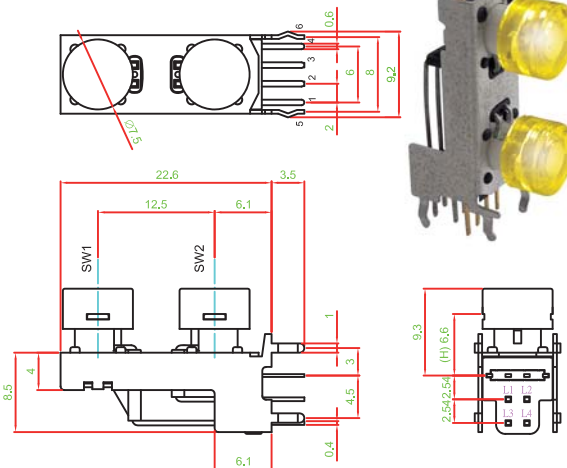


▶ FRAME TYPE OPTION

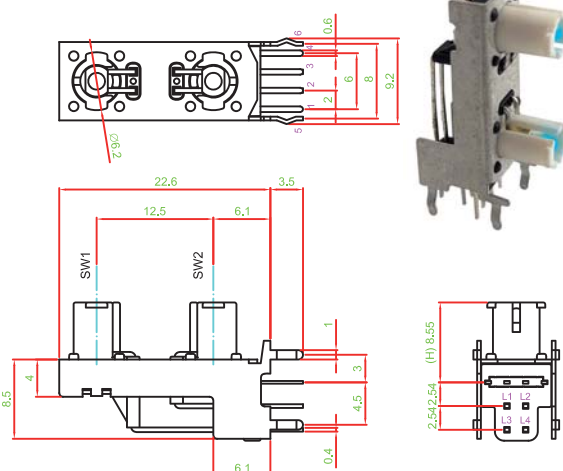
TC004L-N21R1TAR1TA□□□□



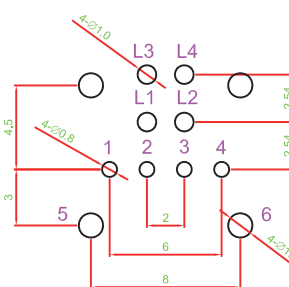
TC004L-N21R2TAR2TA□□□□



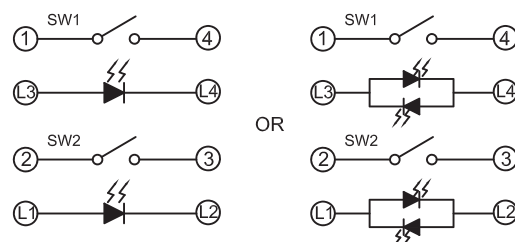
TC004L-N21XXBXBXB□□□□



▶ P.C.B LAYOUT



▶ CIRCUIT



▶ MATERIAL

- ACTUATOR : PA66
- TERMINAL : BRASS SILVER PLATING
- FRAME : STEEL PLATE
- SPRING PLATE : STAINLESS STEEL
- BASE FRAME : PA66