



Feature -

Noiseless, Conductive Rubber
High bright LED illumination
Long life
SPST

Applications -

Communication equipments
Instrumentation
Audio/Video products

► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	OFF - <ON> for Momentary Type , SPST
CONTACT RATING	1mA 20V DC
CONTACT RESISTANCE	200Ω MAX.
INSULATION RESISTANCE	100 MΩ min. 100 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 250 V AC for 1 Minute
OPERATING FORCE	160 ± 40 gf
OPERATING LIFE	500,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	1.6 ± 0.3 mm

LED SPECIFICATIONS					
 ATTENTION LEDs are Electrostatic Sensitive devices	 (+) ○ — (−)	Unit	Value / LED Color		
			Ultra Green	Ultra Yellow	Ultra Red
FORWARD CURRENT	If	mA	20	20	20
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0
REVERSE CURRENT	Ir	μA	10	10	10
FORWARD VOLTAGE@20mA	Vf	V	2.1-2.5	2.0-2.5	2.0-2.5
LUMINOUS INTENSITY@20mA	Iv	mcd	60	120	150

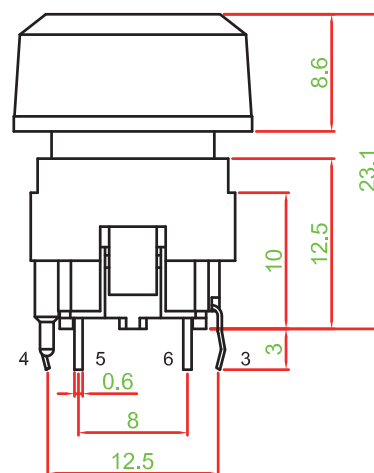
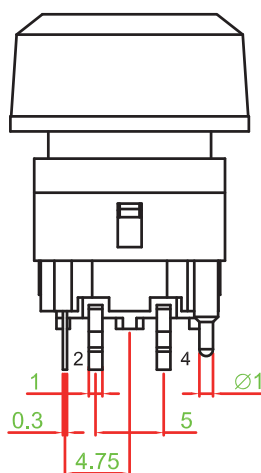
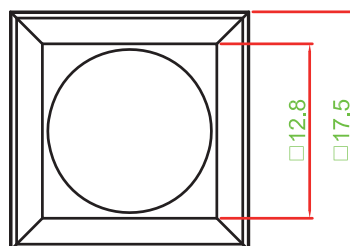
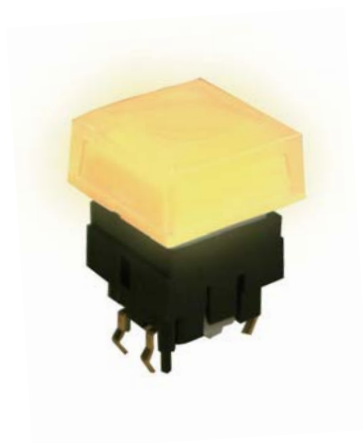
■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER

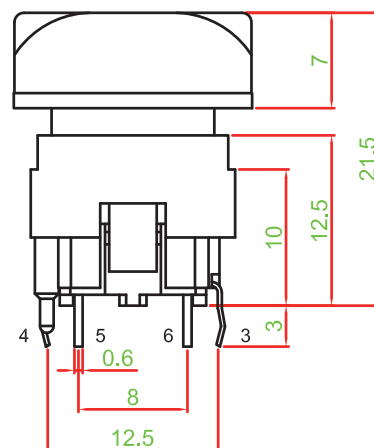
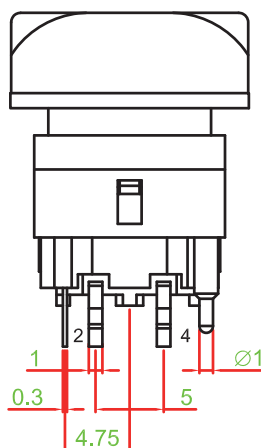
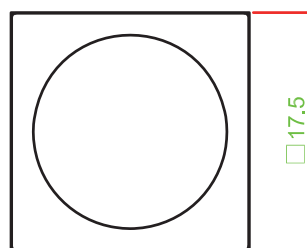
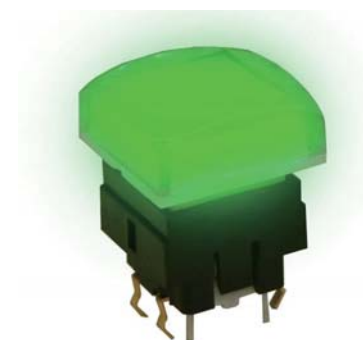
TC016	-	A	S1	U	Y	X	X	-			
		CAP		LED COLOR		LED COLOR		DIFFUSER PLATE COLOR		CAP SYMBOL	
		S1 S1 TYPE		B BLUE		B BLUE		WHITE (std.) or without cover		Please refer to appendix 1 (knob)	
		S2 S2 TYPE		G GREEN		G GREEN		R RED		For example	
		X WITHOUT		R RED		R RED		G GRAY		K3:Printing	
				W WHITE		W WHITE		B BLUE		K3:Laser carving	
				Y YELLOW		Y YELLOW		Y YELLOW		PE1:Printing	
				X WITHOUT		X WITHOUT		N GREEN		E1:Laser carving	
								W WHITE (When indicate the cap color)		E1:WITHOUT	

► DIMENSION

TC016-AS1UYXX

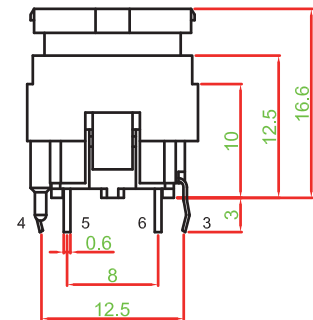
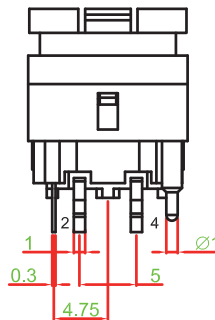
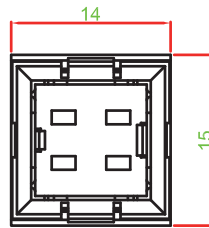


TC016-AS2UGXX



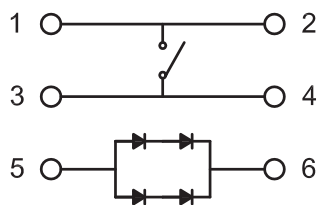
► DIMENSION

TC016-AXXXXXX

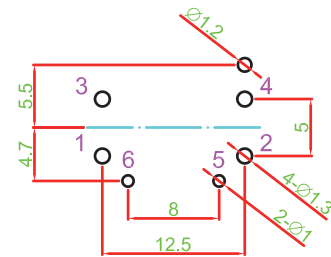


► CIRCUIT

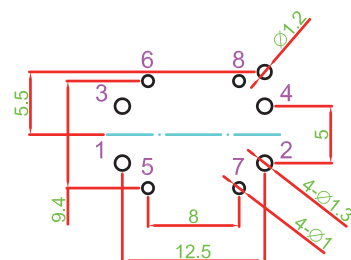
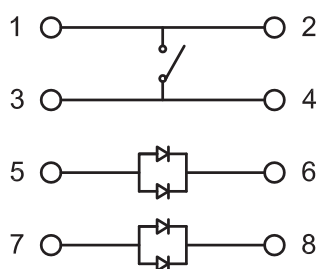
SINGLE LED COLOR



► P.C.B LAYOUT



DUAL LED COLOR



► MATERIAL

- ACTUATOR : POM
- TERMINAL : BRASS GOLD PLATING
- FRAME : STEEL PLATE
- SPRING : STAINLESS STEEL

► UNIT WEIGHT

- TC016-AXUYXX : 2.2 ± 0.05 g / pc
- TC016-AS1UYXX : 3.8 ± 0.05 g / pc
- TC016-AS2UYXX : 3.8 ± 0.05 g / pc

[illegible]