



- TACT SWITCH
- PUSH BUTTON SWITCH
- LED TOUCH SENSOR SWITCH
- 5 DIRECTION NAVIGATION SWITCH WITH LED
- MEMBRANE SWITCH
- LED LIGHT BAR
- SLIDE SWITCH
- ROTARY SWITCH
- ROCKER SWITCH
- DETECT SWITCH
- ENCODER
- INTERRUPTER
- MINIATURE MICRO SWITCH
- TELEPHONE HOOK SWITCH
- DOOR SWITCH
- MINI SIZE SOCKET
- KNOB
- CAP SYMBOL

Feature :

- Small size
- Bi-color LED illuminated available
- Long electrical life cycles

Application :

- Consumer products
- Computer products
- Instrumentation
- Communication equipments

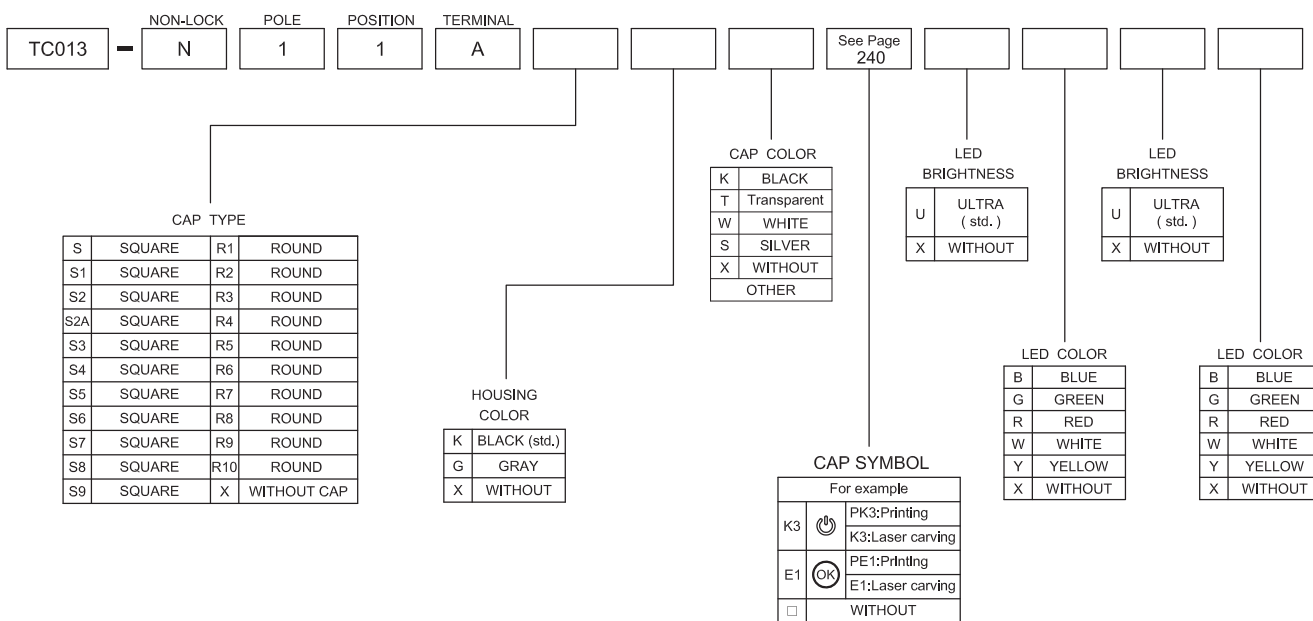


SWITCH SPECIFICATIONS	
POLE - POSITION	1P1T , with LED
CONTACT RATING	12 V DC , 50 mA
CONTACT RESISTANCE	100 mΩ MAX. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	180 ± 50 gf
OPERATING LIFE	500,000 cycles
OPERATING TEMPERATURE RANGE	-40°C ~ 85°C
TOTAL TRAVEL	0.2 ± 0.1 mm

LED SPECIFICATIONS								
ATTENTION LEDs are Electrostatic Sensitive devices (+) ○ (-)	Unit	Value / LED Color						
		Blue (5mA)	Pure Green	Red	Yellow	Orange	Green	White
LUMINOUS INTENSITY@20mA I _v	mcd	25	180	200	200	250	55	250
Dominant Wavelength λ _D	nm	470	525	630	590	601	567	/
FORWARD VOLTAGE@20mA V _f	V	2.8	3.2	1.95	2	2.1	2.1	4

■ A single bin cannot be ordered, please contact us in advance if you need a particular bin sorting before placing your order to clarify the lead time, MOQ and pricing

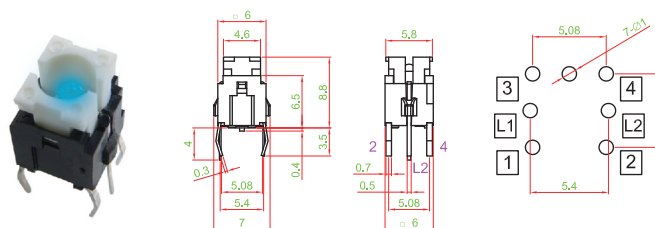
▶ HOW TO ORDER



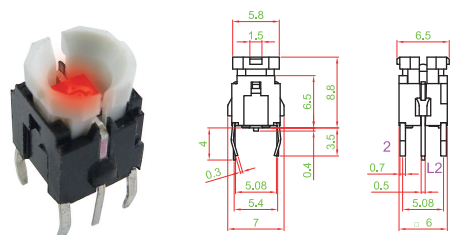


DIMENSION

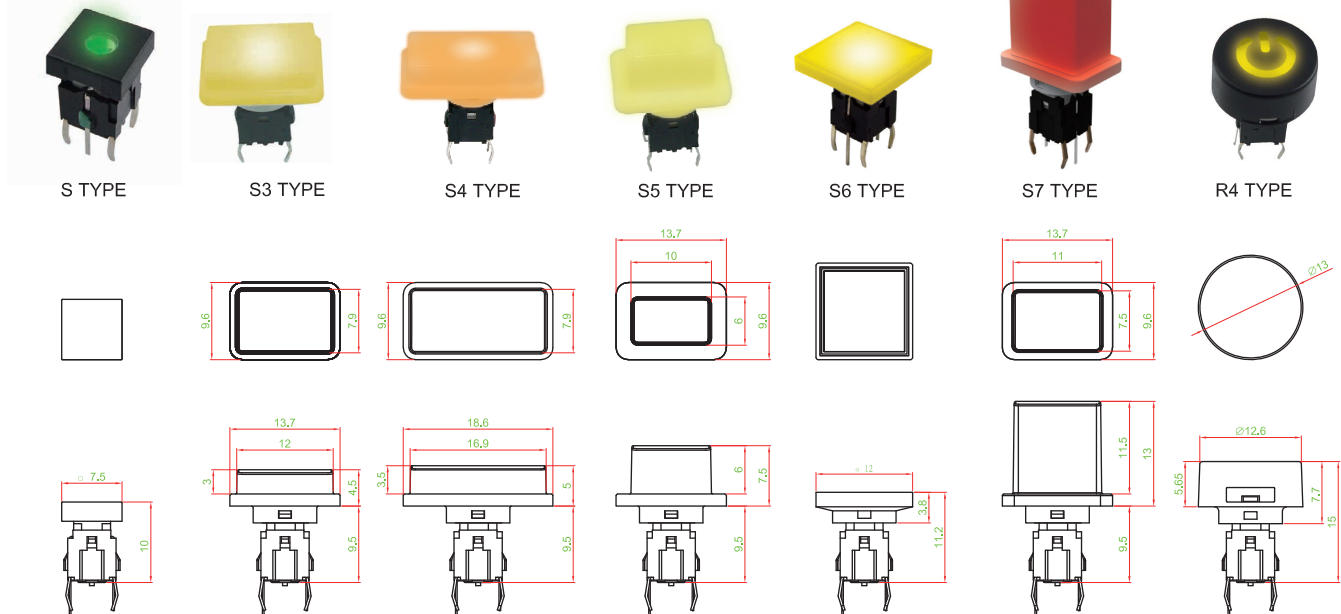
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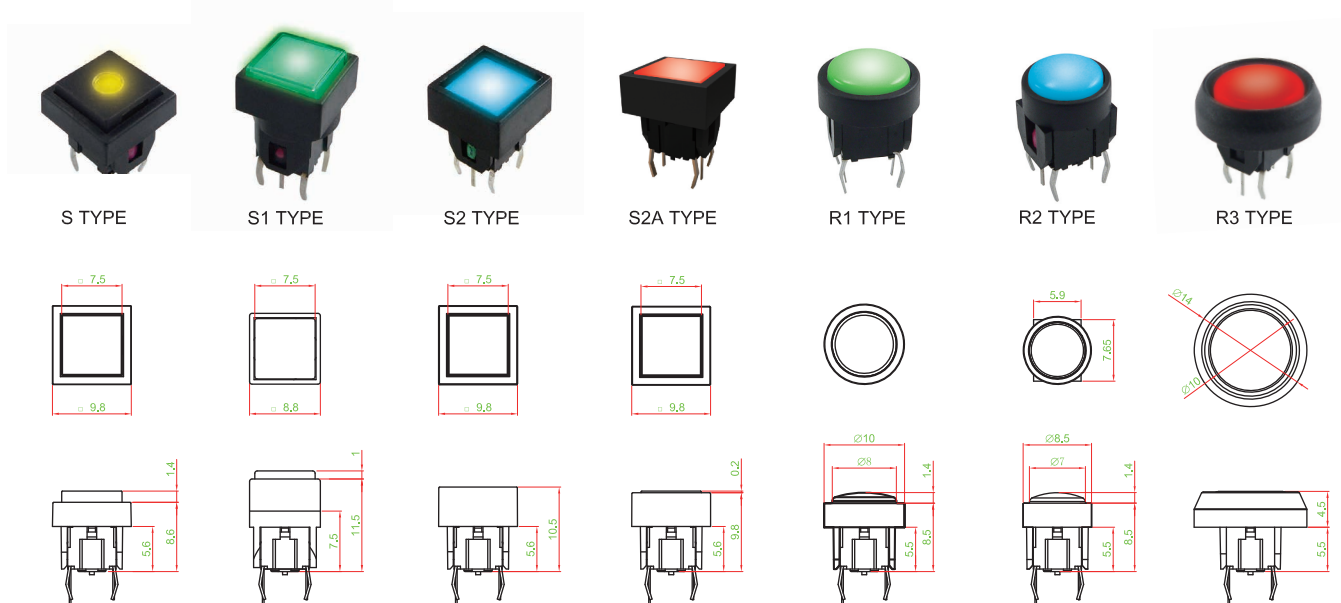
TC013-N11AS1XX□□□□



CAP TYPE (NO HOUSING/ CAP ONLY)



CAP WITH HOUSING



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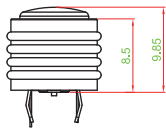
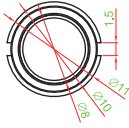


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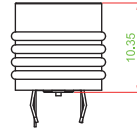
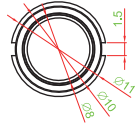
▶ CAP WITH HOUSING



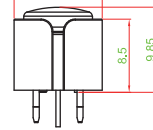
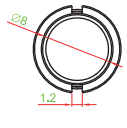
R5 TYPE



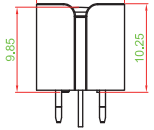
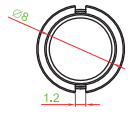
R6 TYPE



R7 TYPE (ODM)



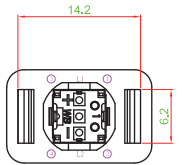
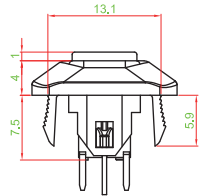
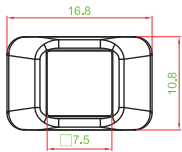
R8 TYPE (ODM)



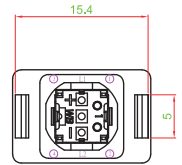
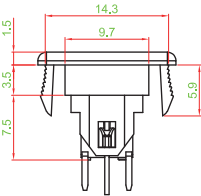
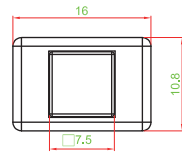
▶ CAP WITH HOUSING (PANEL MOUNT)



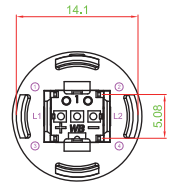
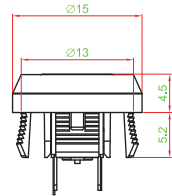
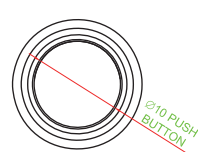
S8 TYPE



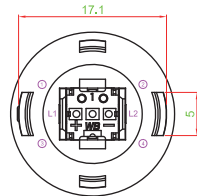
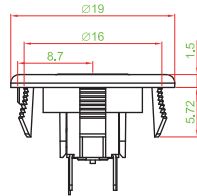
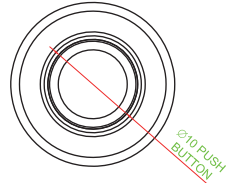
S9 TYPE



R9 TYPE



R10 TYPE



▶ PANEL CUT OUT

PANEL THICK	W
0.75 ~ 1.25	13.2 ~ 13.3
1.25 ~ 2.0	13.3 ~ 13.4
2.0 ~ 3.0	13.4 ~ 13.5

▶ PANEL CUT OUT

PANEL THICK	W
0.75 ~ 1.25	14.4 ~ 14.5
1.25 ~ 2.0	14.5 ~ 14.6
2.0 ~ 3.0	14.6 ~ 14.7

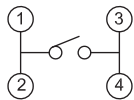
▶ PANEL CUT OUT

Z	D
0 ~ 0.5	13.0 ~ 13.1
0.5 ~ 2.0	13.1 ~ 13.2
2.0 ~ 2.5	13.2 ~ 13.4
2.5 ~ 3.0	13.4 ~ 13.6
3.0 ~ 3.5	13.6 ~ 13.8

▶ PANEL CUT OUT

Z	D
0 ~ 0.5	16.0 ~ 16.1
0.5 ~ 2.0	16.1 ~ 16.2
2.0 ~ 2.5	16.2 ~ 16.4
2.5 ~ 3.0	16.4 ~ 16.6
3.0 ~ 3.5	16.6 ~ 16.8

▶ CIRCUIT



SINGLE COLOR



TWO COLOR

