TC002 SERIES

LED TACT SWITCH

Feature -

- Small size
- LED illuminated
- Two color available
- Long life

Applications -

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

▶ SPECIFICATIONS

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	-20°C ~ 70°C
TOTAL TRAVEL	0.2 ± 0.1 mm

LED SPECIFICATIONS							
ATTENTION (+) (-) LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color				
			Blue	Green	Red	White	Yellow
FORWARD CURRENT	If	mA	10	20	20	2	20
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	μA	10	10	10	10	10
FORWARD VOLTAGE	Vf	V	@ 10mA 3.0-4.0	2.1-2.5	2.0-2.5	@ 2mA 2.8-4.0	2.0-2.5
LUMINOUS INTENSITY	Iv	mcd	@ 10mA 200	800	1800	@ 2mA 12	1800

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

▶ HOW TO ORDER

TC002 - N 1 1 A R G G PK3 U B U G

OPERATION

N	NON-LOCK (std.)

POLE

1	1 POLE (std.)

POSITION

1	1 POSITION (std.)

TERMINAL

A	P.C.B TYPE (std.)
B	SMT TYPE

FRAME TYPE

R	ROUND
S	SQUARE
S1	SQUARE S1 TYPE CAP
S2	SQUARE S2 TYPE CAP
X	WITHOUT CAP X TYPE ACTUATOR
X1	WITHOUT CAP X1 TYPE ACTUATOR

HOUSING COLOR

G	GRAY (std.)
K	BLACK
X	WITHOUT

CAP COLOR

G	GRAY (std.)
K	BLACK
N	GREEN
R	RED
O	ORANGE
X	WITHOUT
S	SILVER

CAP SYMBOL

Please refer to appendix 1(knob)

For example

K3		PK3:Printing
		K3:Laser carving
E1	OK	PE1:Printing
		E1:Laser carving
□		WITHOUT

LED BRIGHTNESS

U	ULTRA (std.)
R	REGULAR
X	WITHOUT
-	FULL COLOR

LED BRIGHTNESS

U	ULTRA (std.)
R	REGULAR
X	WITHOUT
□	WHEN RGB

LED COLOR

B	BLUE
G	GREEN
R	RED
W	WHITE
Y	YELLOW
X	WITHOUT
RGB	FULL COLOR

LED COLOR

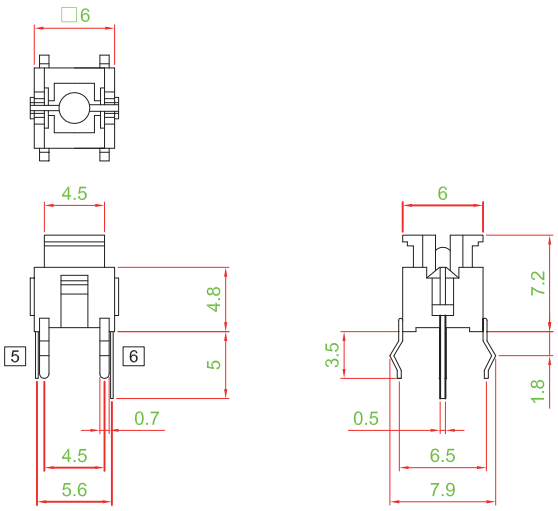
B	BLUE
G	GREEN
R	RED
W	WHITE
Y	YELLOW
X	WITHOUT
□	WHEN RGB

WELL BUYING INDUSTRIAL CO., LTD. Pb LEAD FREE

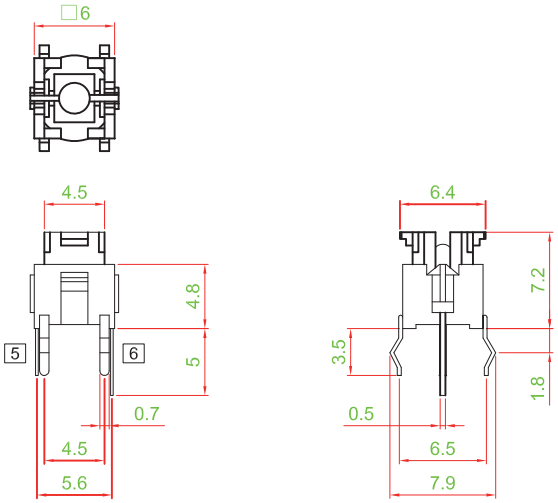
WELL BUYING INDUSTRIAL CO., LTD. RoHS COMPLIANT 2002/95/EU

▶ DIMENSION

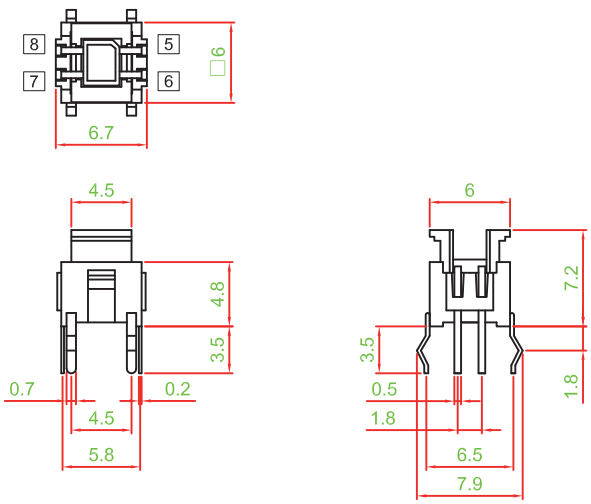
TC002-N11AXXX □□□□



TC002-N11AX1XX □□□□

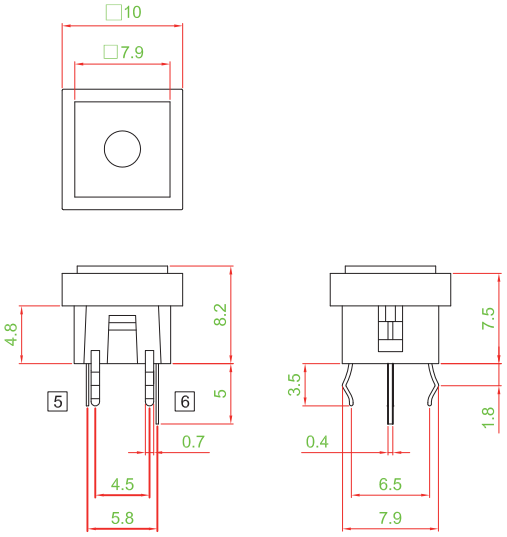


TC002-N11AXXX - R G B

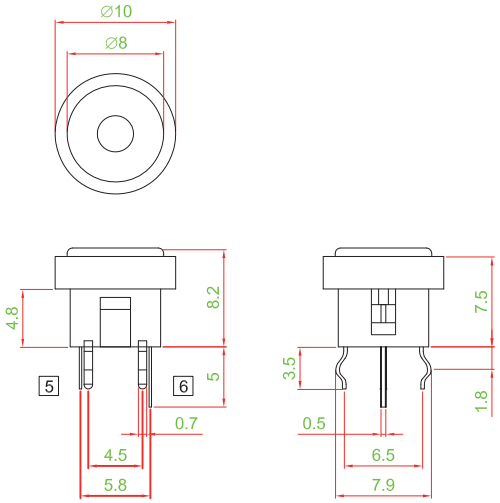


▶ DIMENSION

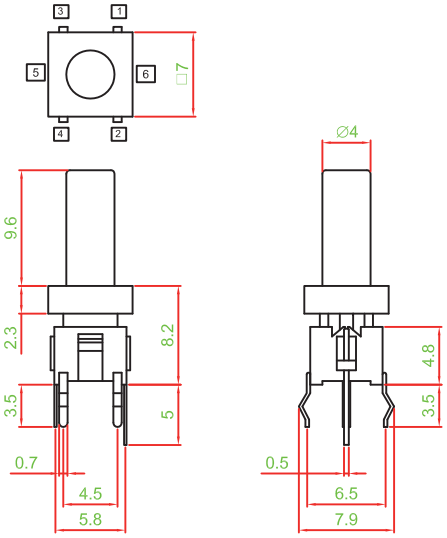
TC002-N11ASGG □□□□



TC002-N11ARKK □□□□

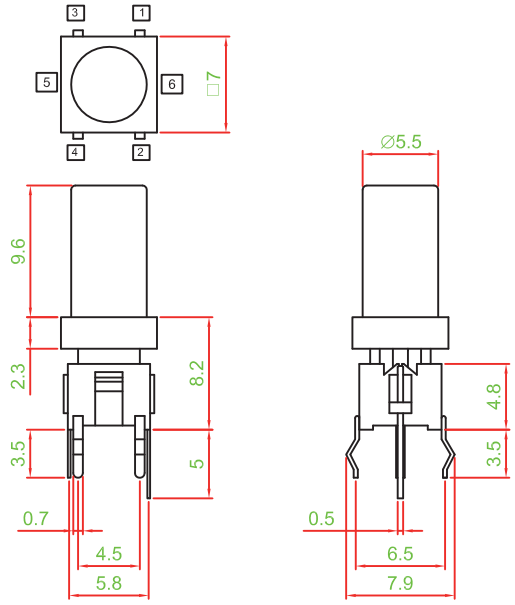


TC002-N11AS1XT □□□□

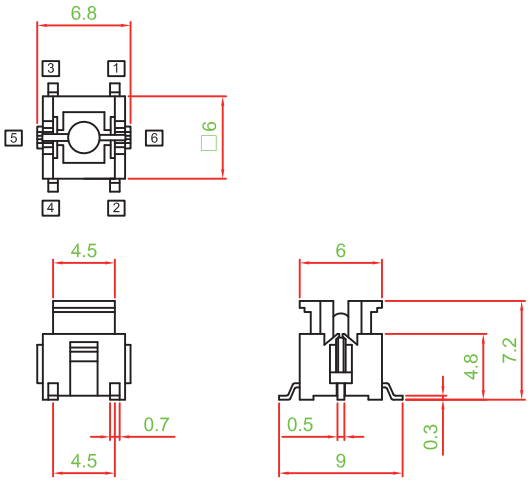


▶ DIMENSION

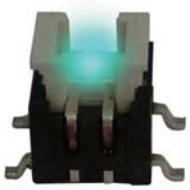
TC002-N11AS2XNT □□□□

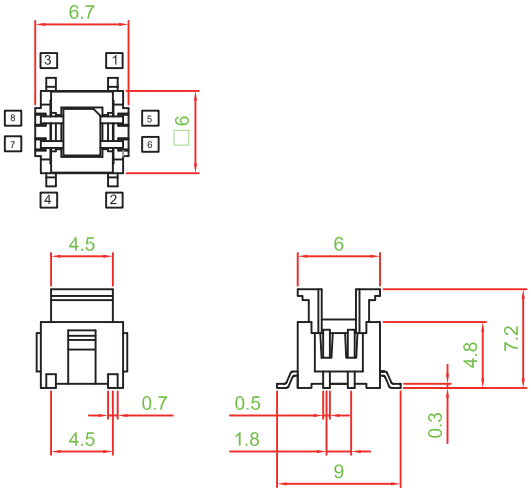


TC002-N11BXXX □□□□



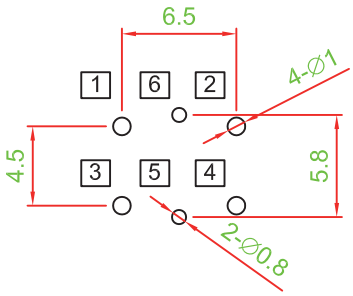
TC002-N11BXXX - R G B

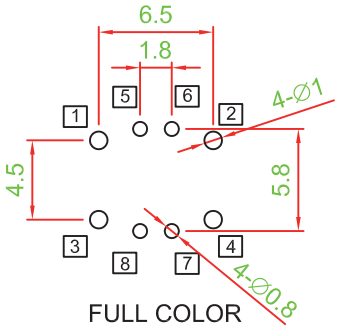




P.C.B LAYOUT

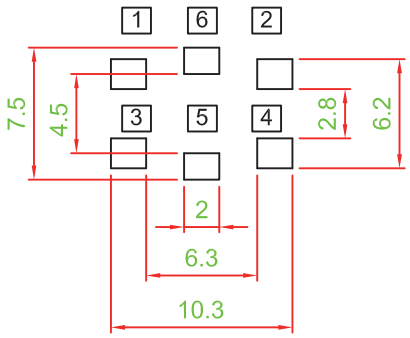
P.C.B TYPE

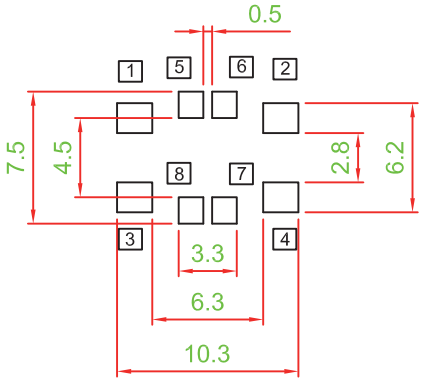




FULL COLOR

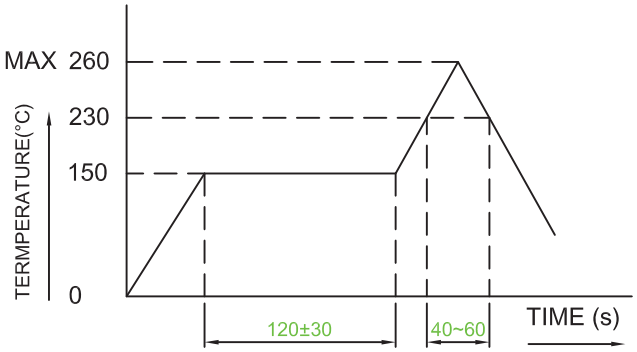
SMT TYPE



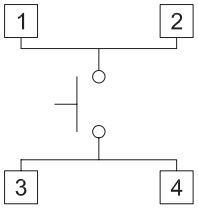


FULL COLOR

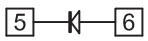
REFLOW SOLDERING



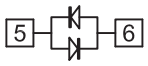
CIRCUIT



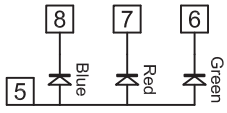
SINGLE COLOR



TWO COLOR



FULL COLOR



MATERIAL

- COVER - PA
- ACTUATOR - PA
- BASE FRAME - PA
- TERMINAL - BRASS SILVER PLATING

UNIT WEIGHT

- TC002-N11ASGG □□□□ : 0.56 ± 0.05 g / pc
- TC002-N11ARGG □□□□ : 0.5 ± 0.05 g / pc
- TC002-N11AXXX □□□□ : 0.3 ± 0.05 g / pc
- TC002-N11BXXX □□□□ : 0.32 ± 0.05 g / pc

	0	1	2	3	4	5	6	7	8	9
A	0	1	2	3	4	5	6	7	8	9
B	A	B	C	D	E	F	G	H	I	J
C	K	L	M	N	O	P	Q	R	S	T
D	U	V	W	X	Y	Z	POWER	ON / OFF	ON	OFF
E	OK	OK	Auto	Enter	Start	STOP	OPEN	CLOSE	Exit	Move
F	SET	Reset	Light	Alarm	Menu	Next	Back	Delete	Motor	Save
G	Up	Down	Right	Left	Test	End	Insert	Lock	Print	+/-
H	ESC	BC.	HOME	Health	D-LED 2	OC GENE	VIDEO INPUT	clr CMOS	Green Power	Save / OK
I	B/R / +	Undo / Cancel	T/L / -	F1	F2	F3	F4	F5	F6	F7
J	F8	F9	F10	F11	F12	F13	F14	IN 1	IN 2	IN 3
K	IN 4	IN 5	IN 6							
L										
M										
N										
O										
P			OC Genie				Config.	TIME LINE	MEI	ME2
Q	ME3	ME4	BGND 3D DVE1	BGND 3D DVE2	BUS COLOR	ME BUTTON LINK	*	INSERT	WIPE	
R		ALL		VP		COPY		RECORD MODE		
S			MUTE		Multi BIOS	Reset	Power			
T		hold	group	m1	m2	m3	m4	m5	t1	t2
U	s1	s2	chair	undo	redo	touch	store	recall	e1	e2
V	e3	e4	OC							
W										