



Feature -

- noiseless
- full color LED illuminated available
- long electrical life cycles
- SPST, momentary function

Application -

- audio / video products
- instrumentation
- communication equipments

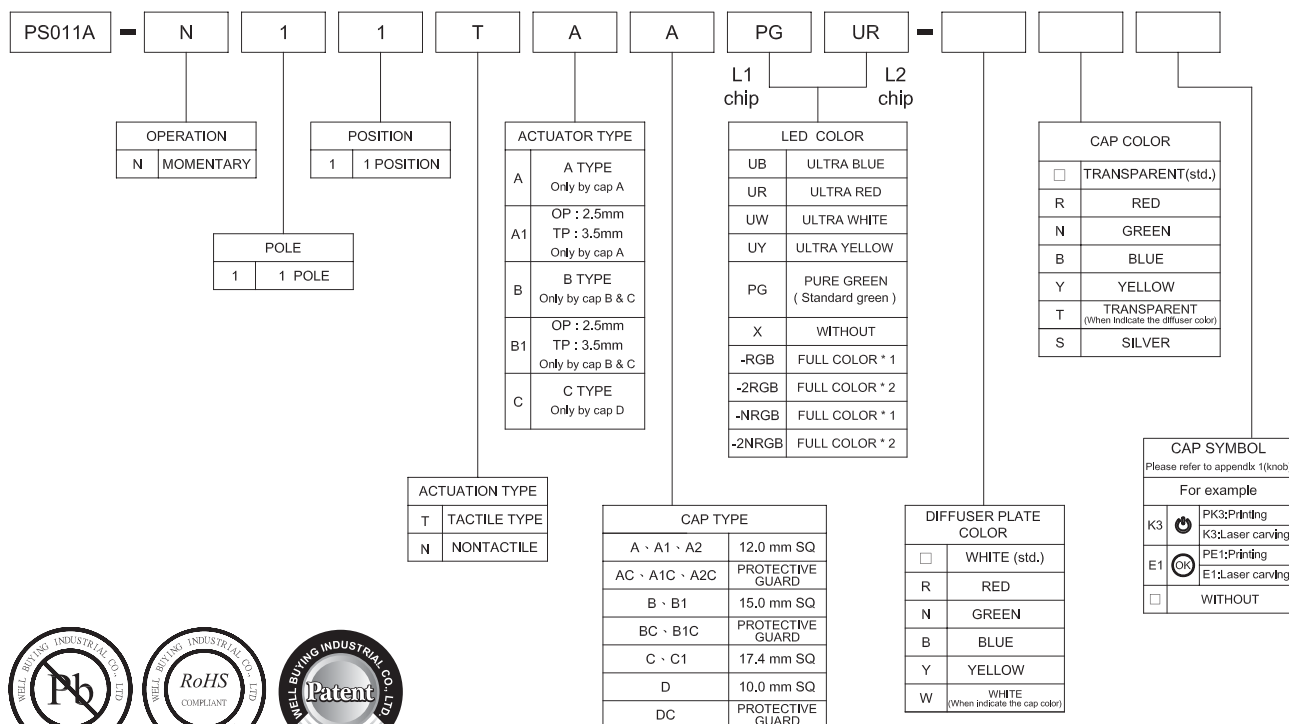
► **SPECIFICATIONS**

SWITCH SPECIFICATIONS	
POLE - POSITION	OFF - <ON> for Momentary Type , SPST
CONTACT RATING	100 mA 12V DC
CONTACT RESISTANCE	200 mΩ MAX.
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	250 ± 100 gf (TP:4.5mm) 160 ± 80 gf (TP:3.5mm)
OPERATING LIFE	1,000,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	4.5 ± 0.2 mm / 3.5 ± 0.2 mm

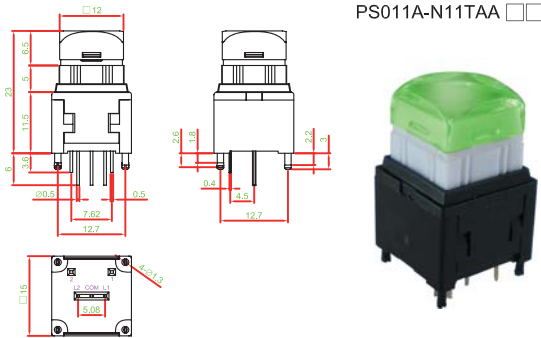
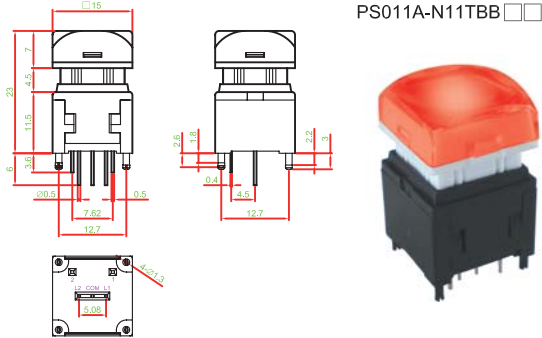
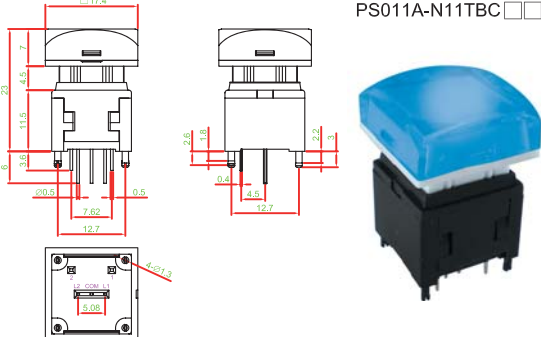
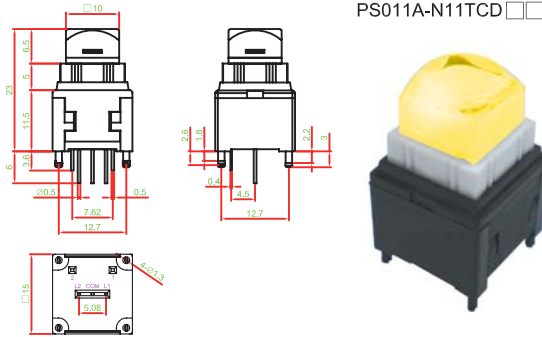
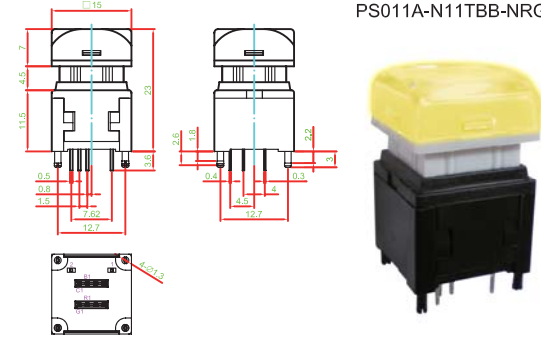
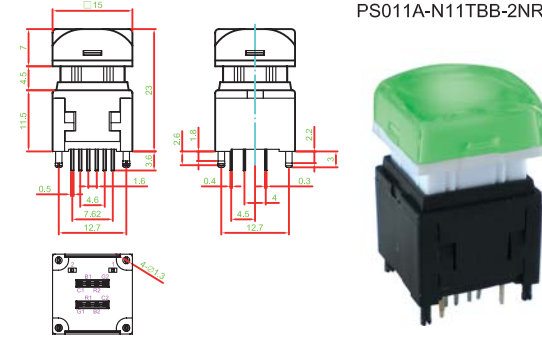
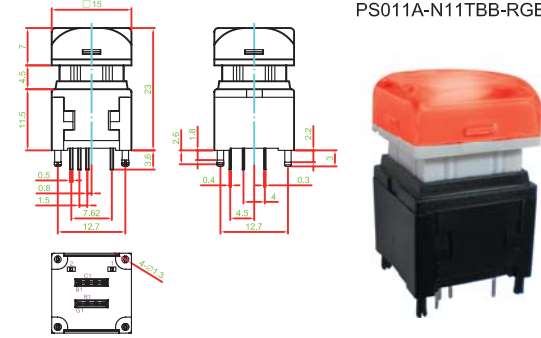
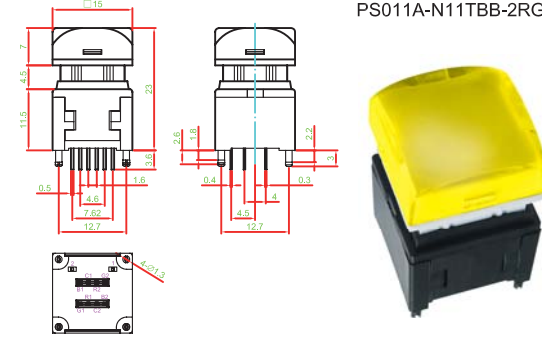
LED SPECIFICATIONS					
 ATTENTION LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color		
			Ultra Blue	Pure Green	Ultra Red
FORWARD CURRENT	If	mA	20	20	20
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0
REVERSE CURRENT	Ir	μA	10	10	10
FORWARD VOLTAGE@20mA	Vf	V	2.7-3.7	2.7-3.2	1.7-2.2
LUMINOUS INTENSITY@20mA	Iv	mcd	25~80	90~225	57~140

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

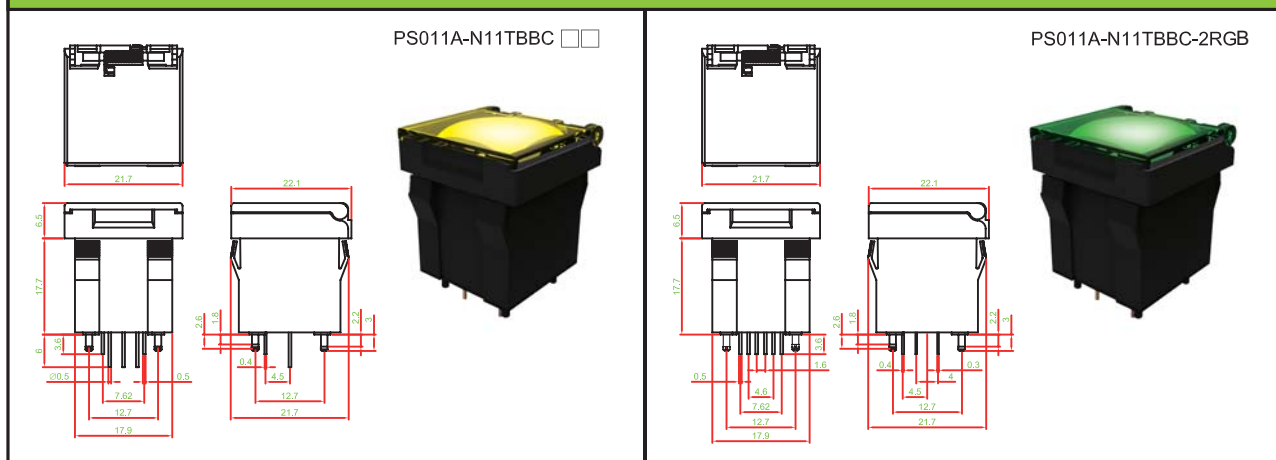
► **HOW TO ORDER**



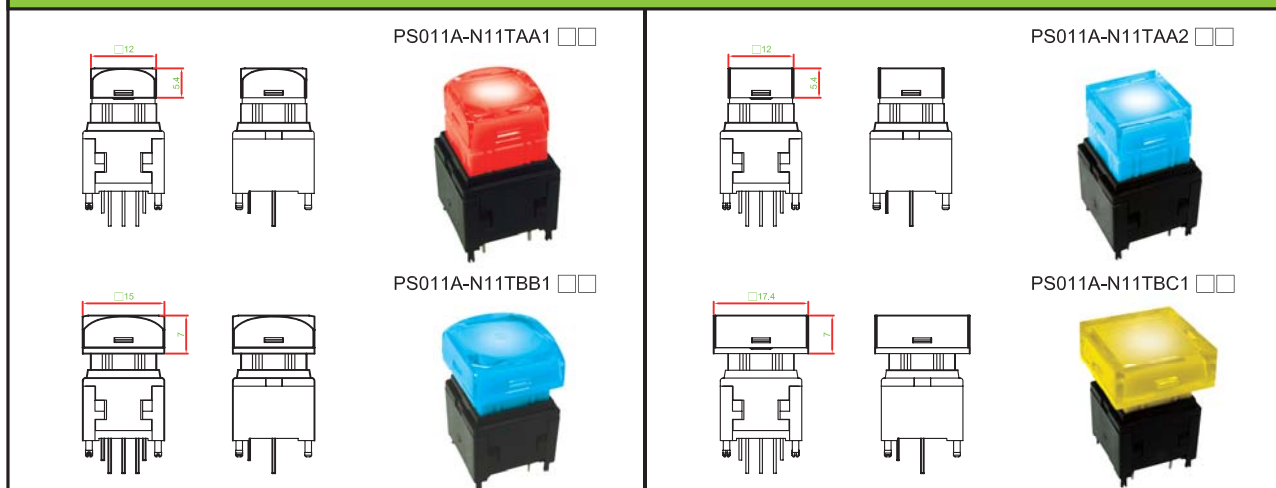
► FRAME TYPE OPTION

PS011A-N11TAA □□  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a green lens on a black base.	PS011A-N11TBB □□  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a red lens on a black base.
PS011A-N11TBC □□  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a blue lens on a black base.	PS011A-N11TCD □□  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a yellow lens on a black base.
PS011A-N11TBB-NRGB  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a yellow lens on a black base.	PS011A-N11TBB-2NRGB  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a green lens on a black base.
PS011A-N11TBB-RGB  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a red lens on a black base.	PS011A-N11TBB-2RGB  Technical drawings showing front, side, and top views with dimensions. The 3D model shows a yellow lens on a black base.

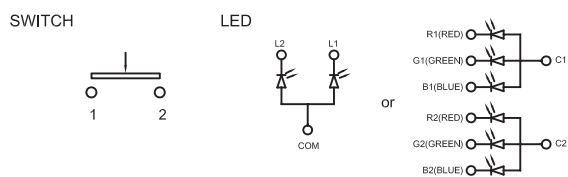
► FRAME TYPE OPTION



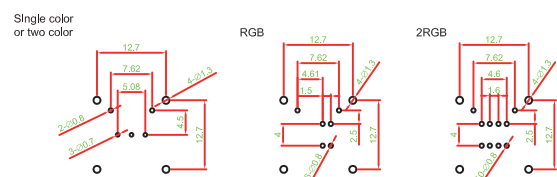
► KNOB OPTION



► SCHEMATIC



► P.C.B LAYOUT



► MATERIAL

- COVER : PC
- ACTUATOR : POM
- BASE FRAME : PA + GF
- TERMINAL : BRASS SILVER PLATING
- MOVING CONTACT : PHOSPHOR BRONZE GOLD PLATING

► PANEL CUT OUT

	PANEL THICK	W
	0.75 ~ 1.25	20.1 ~ 20.3
	1.25 ~ 2.0	20.3 ~ 20.5
	2.0 ~ 3.0	20.5 ~ 20.7

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
B	A	B	C	D	E	F	G	H	I	J	CH5	CH6	DSK	PIP	Q-KEY	CUT	TAKE	REC	ENG	PROD
C	K	L	M	N	O	P	Q	R	S	T	REPLAY	RET1	RET2	KEY ON	AUTO TAKE					
D	U	V	W	X	Y	Z	POWER	ON OFF	ON	OFF		USER A	USER B	USER C	USER D	USER E	USER F	USER G	USER H	USER I
E	OK		Auto	Enter	Start	STOP	OPEN	CLOSE	Exit	Move	USER J								M-1	
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 GENIE	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	+	-	x	÷	=	↑	→	▲	▶	▶▶										
M							↑	→	↑	⇒										
N	↑	→	▲	◀	▶	◀	▶	◀	▶	◀										
O			↔	◀	▶	◀	▶	◀	▶	◀										
P							Config.	TIME LINE	ME1	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																	
T		hair	group	ant	ant	ant	ant	ant	ant	ant										
U	ant	ant	chair	ant	ant	ant	ant	ant	ant	ant										
V	ant	ant	OC			CLEAR	CROSS WIND	AMMO TEMP	BARO PRESS	AIR TEMP										
W	BORE-SIGHT	CANT	LEAD	RANGE	MRS	ZERO	TEST	UD	LR											
X	ID	Disp	MF	GALL	.	BAND	SETUP	MODE	LINK	FUNC.										
Y	SHIFT					DEL														
Z				RUN	2D	3D	CH1	CH2	CH3	CH4										