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LED Illuminated pushbutton switches

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Tactile switches (Snap in & Surface mount type 6x6mm)

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**Features:**

- Small size.
- Right angle and vertical PCB fermal.
- Choice of painted colored caps.
- Laser marking service.
- Available with small quantity order.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 小巧精品。
- 经典 90 度直角设计。
- 客制化帽盖选择，喷漆色盖和镭射雕刻服务。
- 可少量订购。

使用范围：

- 音响、影像等录音室器材设备
- 广播系统、电信仪器设备

General Specifications (产品规格)

Circuit: 1P2T, 2P2T Lock/Non-lock action with LED
Contact Rating: 0.1A 30V DC/0.1mA 5V DC
Contact Resistance: 50mΩ Max. 1.5V DC/100 mA, by method of voltage drop
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute
Actuation Force: 250±100gf
Total Travel: 1.5mm±0.3mm
Operating Life: 50,000 cycles
Operating Temperature: -20°C to 70°C

Material (产品材质)

Frame: Polyamide (PA)+GF
Actuator: Polyamide (PA)+GF
Base: Polyamide (PA)+GF
Terminal: Brass with silver plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

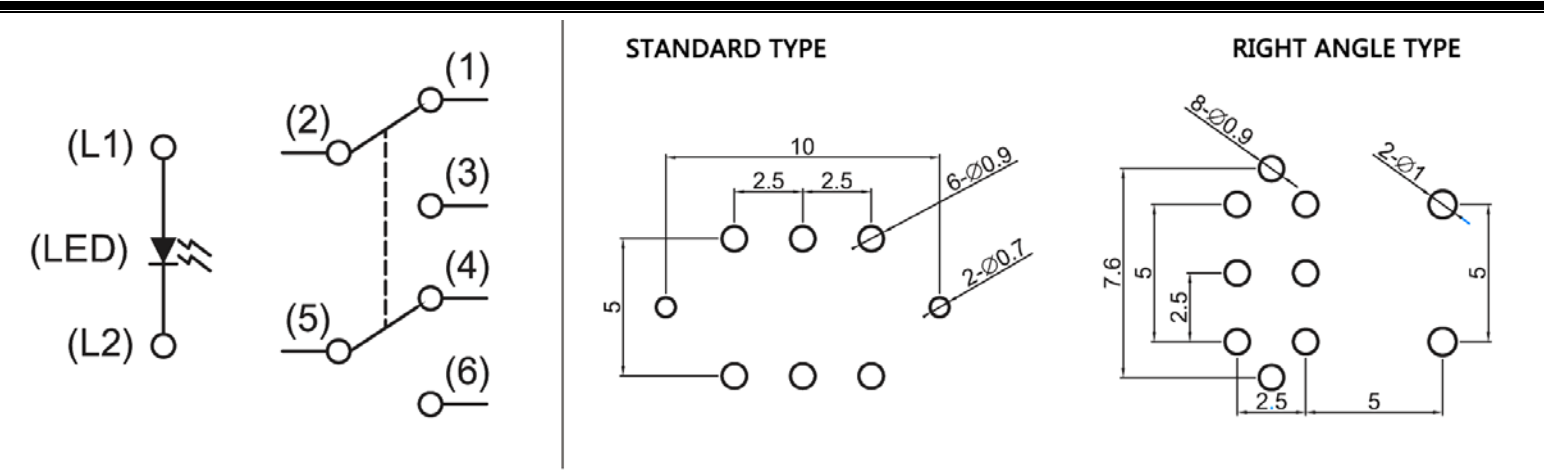
Ordering Information (订货标记)

SERIES	OPERATION	POLE	TERMINAL	FRAME TYPE	FRAME COLOR	CAP COLOR	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WL1	N	2	R2	S1	K	T	G	H	N	N	
	N=NONE-LOCK L=LOCK TYPE	1=1 POLE 2=2 POLE	P=P.C.B TYPE R=RIGHT ANGLE TYPE R1=R1 TYPE R2=R2 TYPE	S1=s1 sq S2=S2 sq S3=S3 sq R1=R1 ro R2=R2 ro R3=R3 ro R4=R4 ro N=NONE	K=BLACK W=WHITE A=GRAY N=NONE	T=TRANSPARENT R=RED G=GREEN B=BLUE Y=YELLOW S=SILVER N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHTIE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHTIE N=NONE	H=HIGH N=NONE	

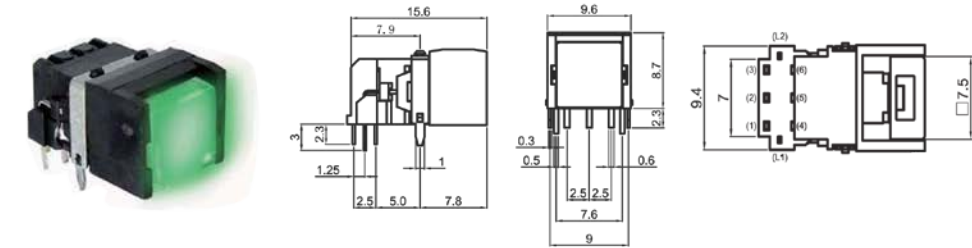
CAP Symbol: Any customization is welcomed.

CIRCUIT

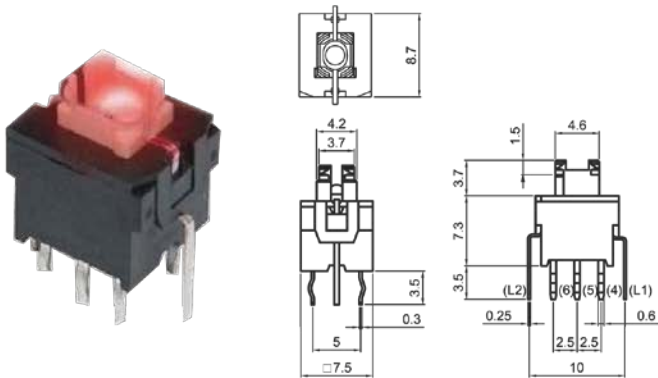
P.C.B LAYOUT



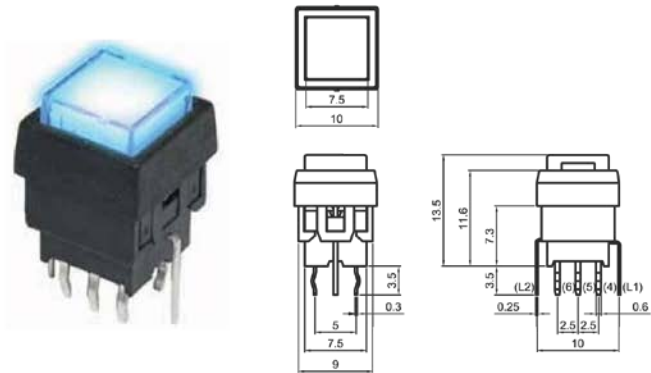
WL1-N2R2S1KT-GHNN



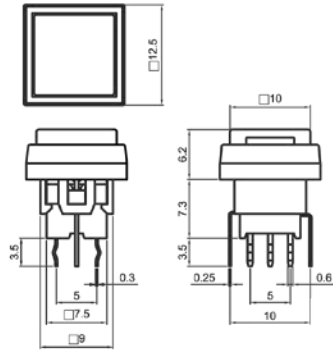
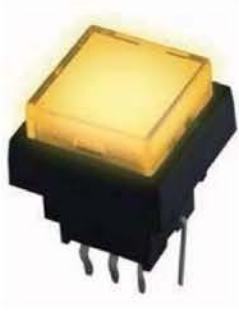
WL1-N2PNNN-RHNN



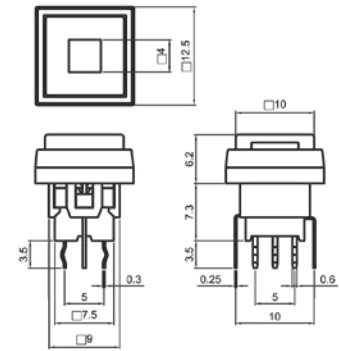
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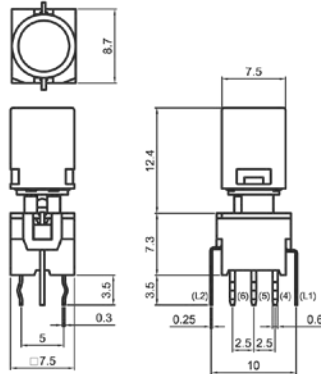
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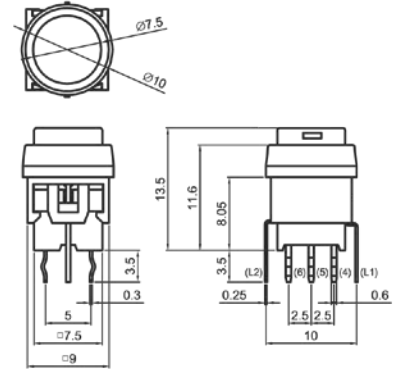
WL1-N2PS3KK-RHNN



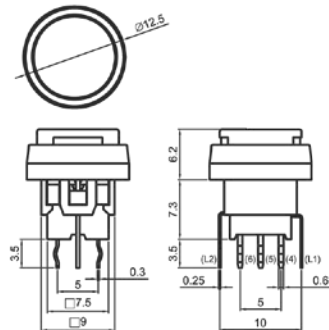
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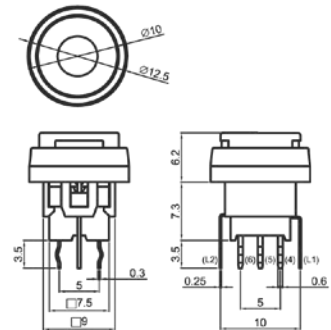
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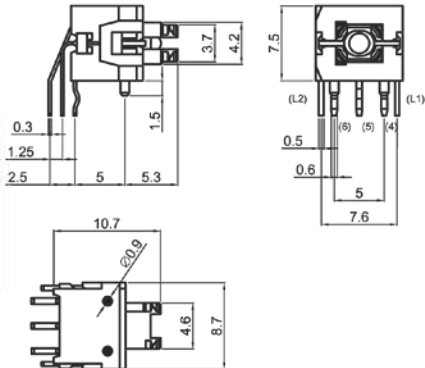
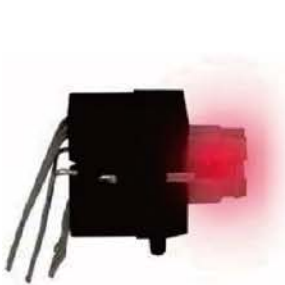
WL1-N2PR3KT-BHNN



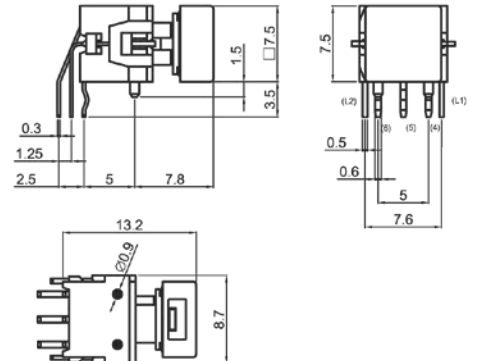
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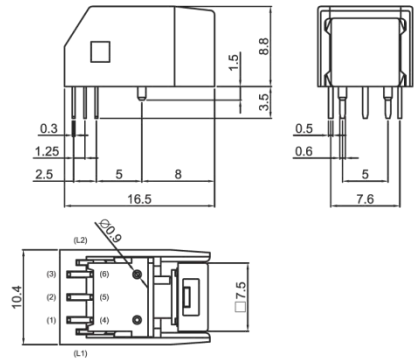
WL1-N2RNNN-RHNN



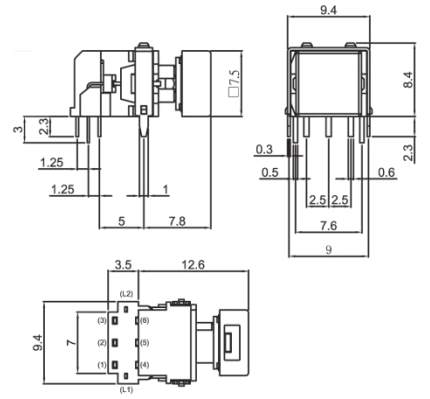
WL1-N2RS1NT-RHNN



WL1-N2RS1KT-GHNN



WL1-N2R1S1KT-YHNN





Features:

- Momentary and Alternate alternate available.
- Provide a positive tactile response.
- RGB color options are available.
- Long life cycles.

Applications:

- Audio/Video products.
- Communication equipment.
- Broadcast system.
- Instrumentation, Instrumentation.
- Telecommunications...etc.

产品特点：

- 瞬时和备用的视觉切换。
- 触感干脆。
- RGB 颜色可选择。
- 使用寿命长。

使用范围：

- 音频、视频产品。
- 通讯设备。
- 广播系统。
- 电信仪器设备等。

General Specifications (产品规格)

Function: Momentary or Alternate

Contact Rating: Gold, 0.4A Max. @28V (AC or DC) / Silver, 0.5A@25V DC; 0.2A@250V AC

Contact Resistance: 50mΩ Silver, 100mΩ Gold (initial max)

Insulation Resistance: 100mΩ @ 500V DC

Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute

Actuation Force: 200±100gf SPDT / 300±150gf DPDT

Total Travel: 2.2mm±0.2mm

Life Expectancy (Mechanical): 1,000,000 cycles

Life Expectancy (Electrical): 200,000 cycles silver / 200,000 cycles gold

Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polycarbonate (PC)

Actuator: Polyoxymethylen (POM)

Base Frame: Polyamide (PA)+GF

Terminal: Brass with gold plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

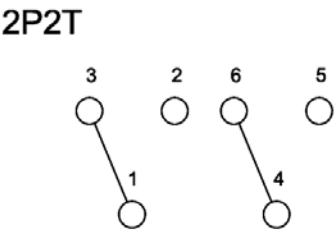
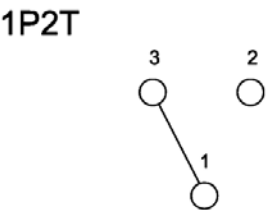
SERIES	OPERATION	POLE	TERMINAL	FRAME TYPE	CAP COLOR	DIFFUSER COLOR	LED COLOR	LED COLOR	CAP SYMBOL
WL2	N	1	P	A	T	W	R	N	
	N=NONE-LOCK L=LOCK TYPE	1=1 POLE 2=2 POLE	P=P.C.B TYPE W=WIRE TYPE	A=A TYPE B=B TYPE C=C TYPE D=D TYPE E=E TYPE F=F TYPE	T=TRANSPARENT R=RED G=GREEN B=BLUE Y=YELLOW S=SILVER	W=WHTIE R=RED G=GREEN B=BLUE Y=YELLOW	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	

CAP Symbol: Any customization is welcomed.

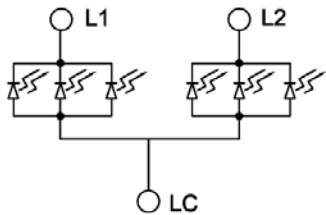
SCHEMATIC

LED CIRCUIT

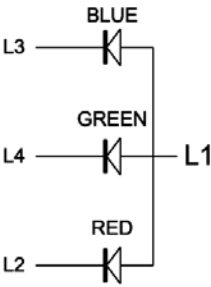
SWITCH



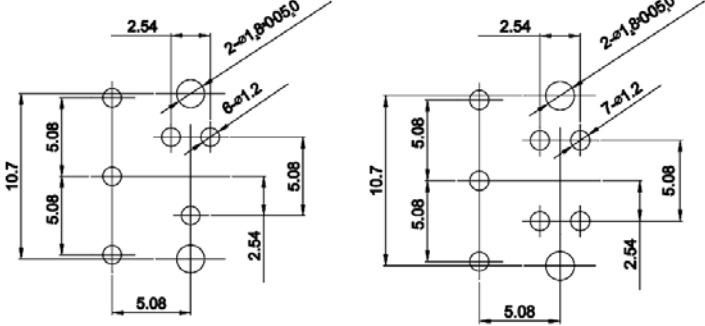
LED



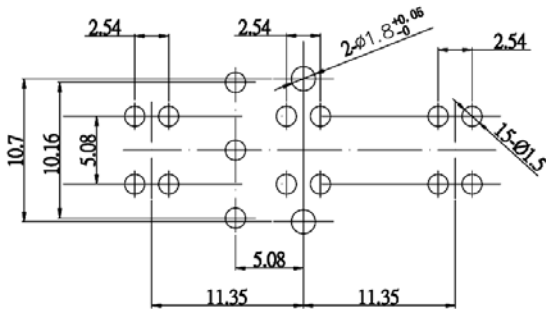
SW CIRCUIT



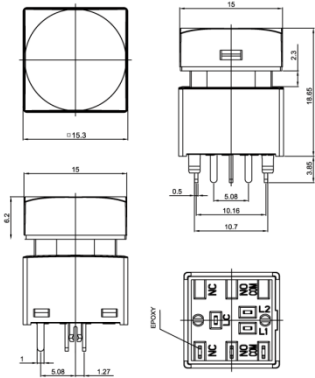
A.B.E TYPE



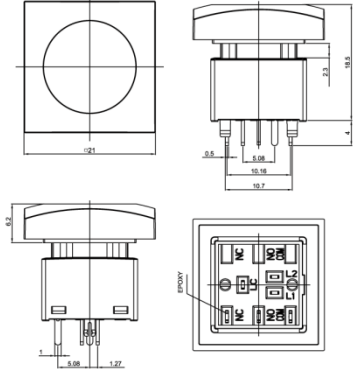
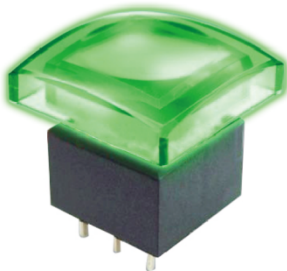
A.B.E TYPE(RGB)



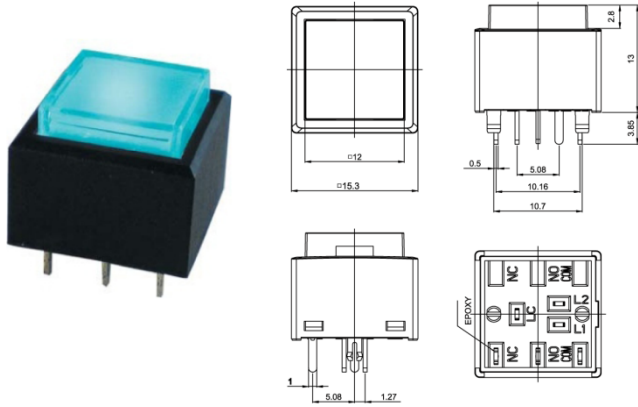
WL2-N1PATW-RN



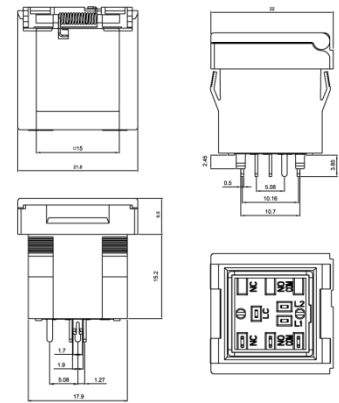
WL2-N1PETW-GN



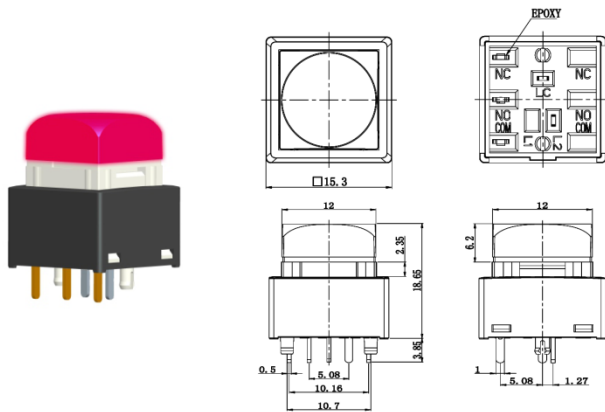
WL2-N1PBTW-BN



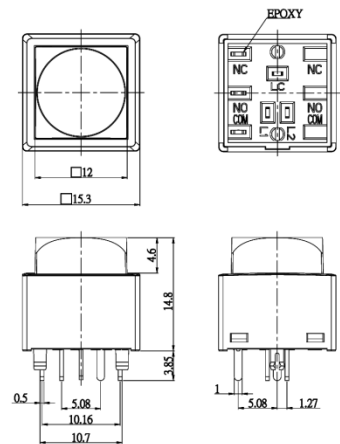
WL2-N1PATW-NN-Bypass



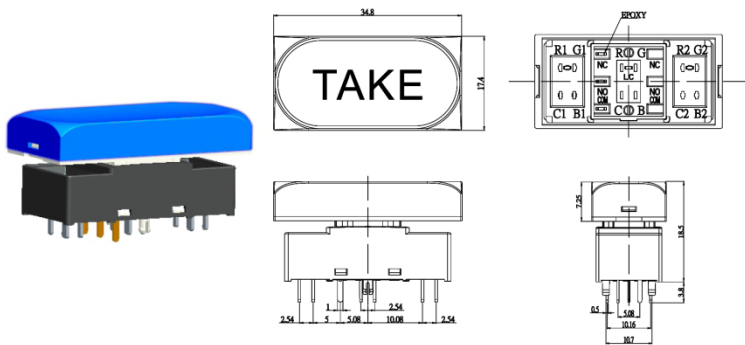
WL2-N1PFTW-NR



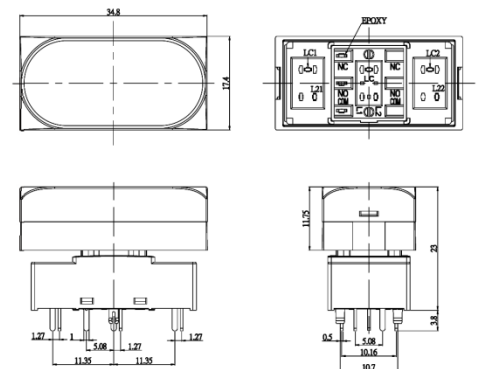
WL2-N1PB1TW-GR



WL2-N1PDTW-RGB



WL2-N1PD1TW-NR





超长距离，高信耐接触，无杂讯
Long distance,
high contact resistance, no noise



Features:

- Long electrical life cycles.
- Choice of multiple colored caps.
- Choice of painted colored caps.
- Laser marking service.
- Available with small quantity order.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 提供带触感型及无触感型两种选择。
- 超高亮 LED 蓝光，耐久鲜明。
- 超长距离，高信耐接触，无杂讯。
- 客制化帽盖选择，喷漆色盖和镭射雕刻服务。

使用范围：

- 音响、影像等录音室器材设备
- 广播系统、电信仪器设备

General Specifications (产品规格)

Function: OFF-<ON>For Momentary Type, SPST

Contact Rating: 100mA 12V DC

Contact Resistance: 200mΩ Max.

Insulation Resistance: 100mΩ Min. 500V DC

Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute

Actuation Force: 250±100gf

Total Travel: 4.5mm±0.2mm

Operating Life: 2,000,000 cycles

Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polycarbonate (PC)

Actuator: Polyoxymethylen (POM)

Base Frame: Polyamide (PA)+GF

Terminal: Brass with silver plating

Moving Contact: Phosphor Bronze with
gold plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

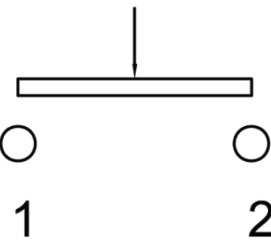
SERIES	OPERATION	POLE	ACTUATION TYPE	CAP TYPE	CAP COLOR	PLATE COLOR	LED COLOR	LED COLOR	TRAVEL	CAP SYMBOL
WL3	N	1	T	A	T	W	G	N	A	
	N=NONE-LOCK	1=1 POLE	T=TACTILE TYPE N=NON TACTILE	A=12.0mm sq B=15.0mm sq C=17.4mm sq D=17.4×34.8mm sq	T=TRANSPARENT R=RED G=GREEN B=BLUE Y=YELLOW S=SILVER	B=BLUE G=GREEN R=RED Y=YELLOW W=WHTIE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	A=2.5mm B=4.5mm	

CAP Symbol: Any customization is welcomed.

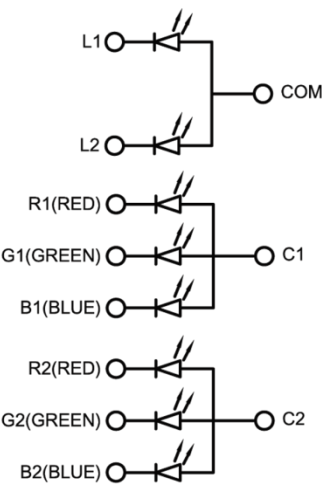
SCHEMATIC

P.C.B LAYOUT

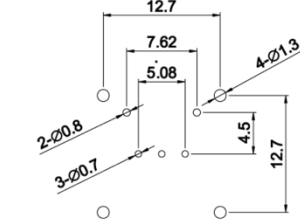
SWITCH



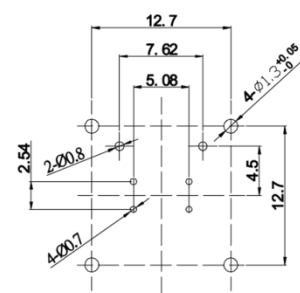
LED



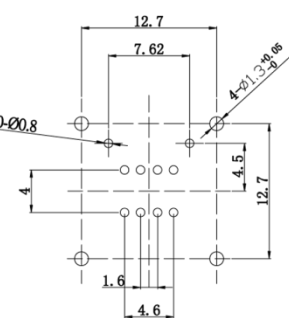
Single color or two color



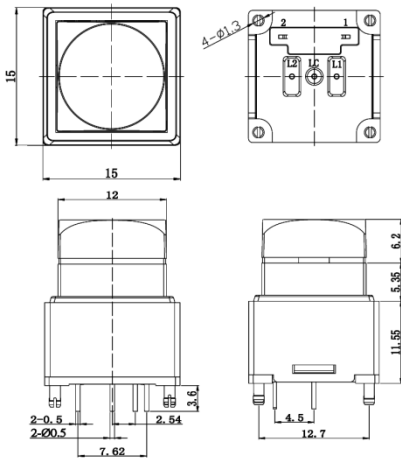
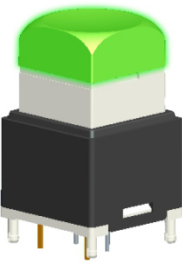
RGB TYPE1



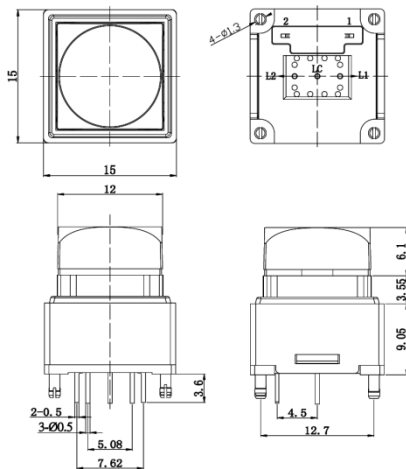
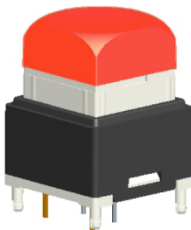
RGB TYPE2



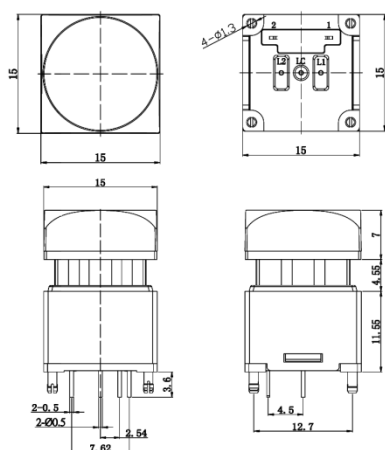
WL3-N1TATW-GN



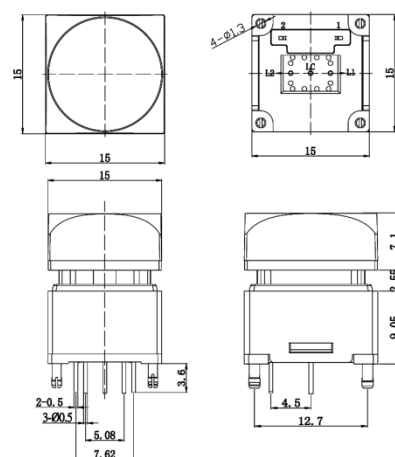
WL3-N1TATW-RGN-A



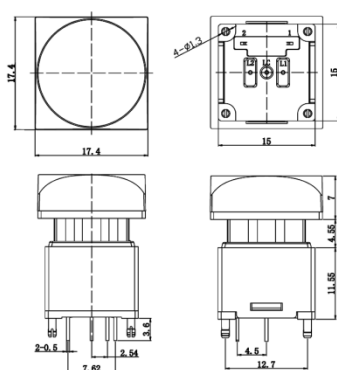
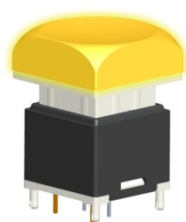
WL3-N1BTW-RN



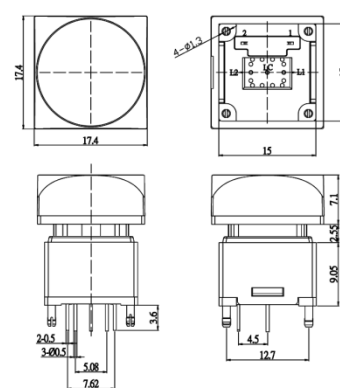
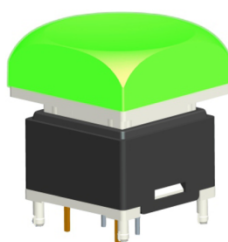
WL3-N1BTW-BRN-A



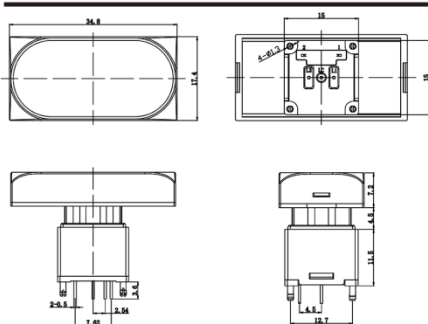
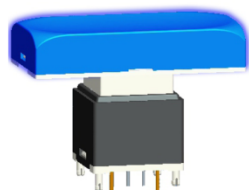
WL3-N1TCTW-YN



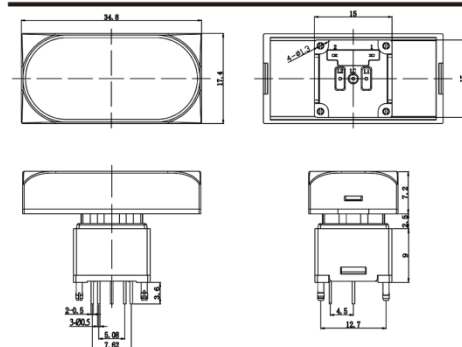
WL3-N1TCTW-GRN-A



WL3-N1TDTW-BN



WL3-N1TDTW-BRN-A





Features:

- Long electrical life cycles.
- Choice of multiple colored caps.
- Choice of painted colored caps.
- Laser marking service.
- Available with small quantity order.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 提供带触感型及无触感型两种选择。
- 超高亮 LED 照光，耐久鲜明。
- 超长距离，高信耐接触，无杂讯。
- 客制化帽盖选择，喷漆色盖及镭射雕刻服务。

使用范围：

- 音响、影像等录音室器材设备。
- 广播系统、电信仪器设备。

General Specifications (产品规格)

Circuit: OFF-ON For momentary type, SPST, DPST
Contact Rating: 12A 12V DC
Contact Resistance: 200mΩ Max.
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute
Actuation Force: 150±100gf SPST, 200±150gf DPST
Total Travel: 2.2mm±0.2mm
Operating Life: 200,000 cycles
Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polycarbonate (PC)
Actuator: Polyoxymethylen (POM)
Base Frame: Polyamide (PA)+GF
Terminal: Brass with nickel plating & gold flash
Moving Contact: Brass with nickel plating & gold flash

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department

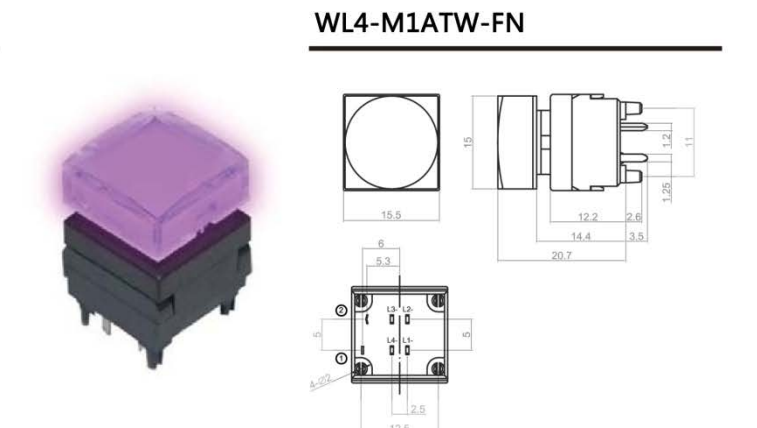
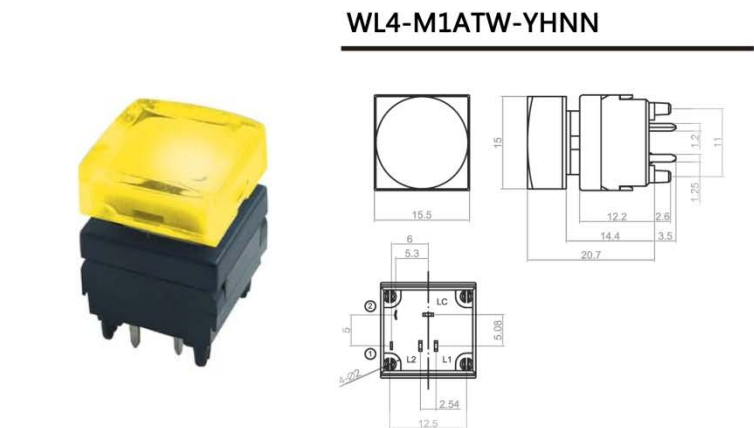
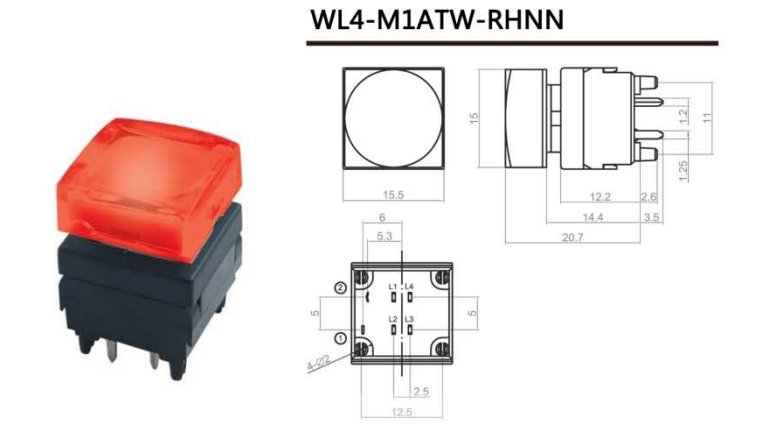
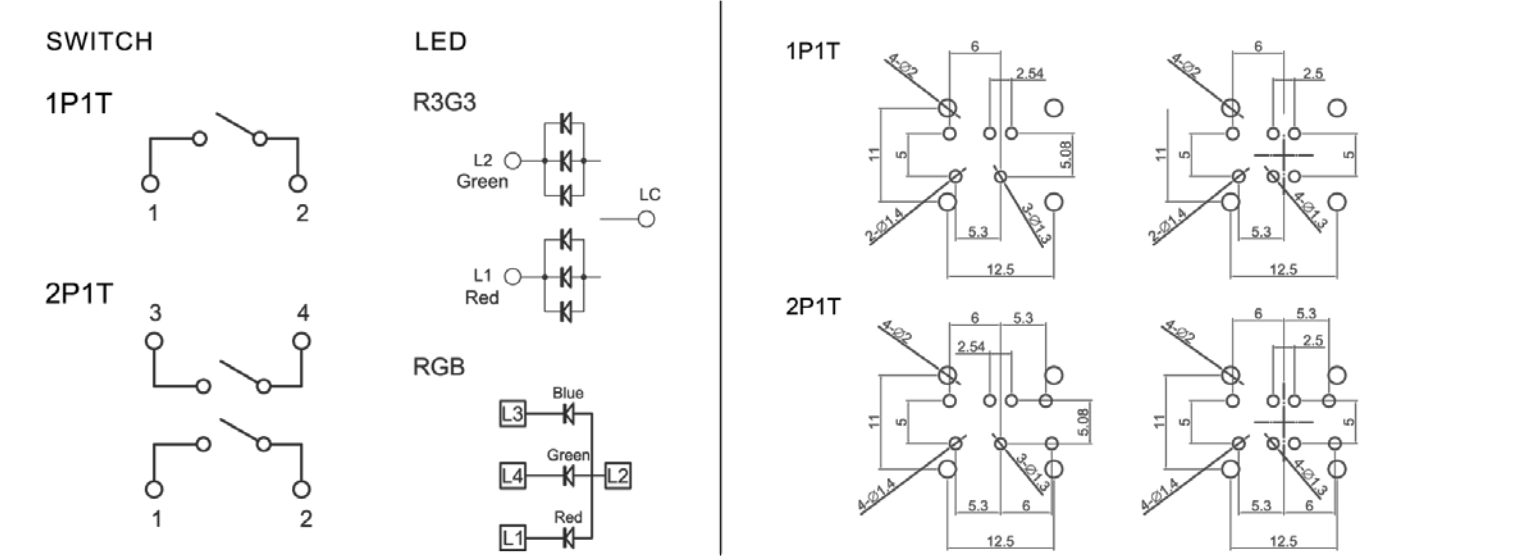
Ordering Information (订货标记)

SERIES	OPERATION	POLE	CAP TYPE	CAP COLOR	PLATE COLOR	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WL4	N	1	A	T	W	W	H	N	N	
	M=MOMENTARY	1=1 POLE 2=2 POLE	A=15.5mm sq	T=TRANSPARENT R=RED G=GREEN B=BLUE Y=YELLOW S=SILVER	W=WHITE R=RED G=GREEN B=BLUE Y=YELLOW	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	H=HIGT N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	H=HIGT N=NONE	

CAP Symbol: Any customization is welcomed.

SCHEMATIC

P.C.B LAYOUT



**Features:**

- Snap in panel mount installation.
- Durable, vivid LED illumination.
- Choice of painted colored caps.
- Laser marking service.
- Available with wires soldered to terminal.

Applications:

- Automotive industry.
- Office appliance.
- Communication equipments.
- Racing helmet...etc..

产品特点：

- 安装方便，节省空间。
- LED 照光颜色丰富，耐久鲜明。
- 客制化帽盖选择。
- 镭射雕刻服务。
- 可提供焊接线材整套方案。

使用范围：

- 汽车工业。
- 办公用具。
- 电信仪器设备。
- 赛车头盔等。

General Specifications (产品规格)

Function: Momentary Type, SPST with LED

Contact Rating: 0.1A 30V DC

Contact Resistance: 50mΩ Max. 1.5V DC/100 mA, by method of voltage drop

Insulation Resistance: 100mΩ Min. 500V DC

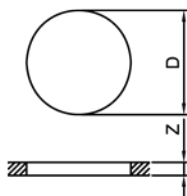
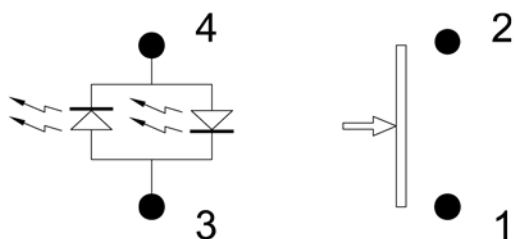
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute

Actuation Force: 250±100gf

Total Travel: 1.3mm±0.3mm

Operating Life: 50,000 cycles

Operating Temperature: -20°C to 70°C

LED CIRCUIT DIAGRAM**PANEL CUT OUT**

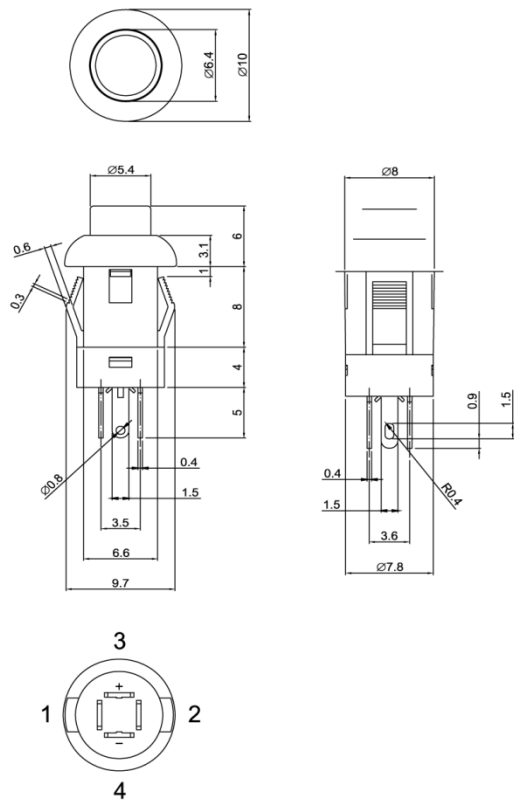
Z	D
1.0 ~ 2.0	8.0 ~ 8.2
2.0 ~ 2.5	8.2 ~ 8.4
2.5 ~ 3.0	8.4 ~ 8.6

Ordering Information (订货标记)

SERIES	OPERATION	POLE	TERMINAL	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WL5	N	1	W	B	H	N	N	
	N=NONE-LOCK	1=1 POLE	W=WIRE TYPE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	

CAP Symbol: Any customization is welcomed.

WL5-N1W-BHNN



**Features:**

- Right angle PCB pin mounted switch.
- With latching or momentary configuration options.
- 2 or 4 pole options.
- RGB color options are available.

Applications:

- Computer products.
- Instrumentation.
- Communication equipments...etc.

产品特点：

- 超高亮 LED 照光，耐久鲜明。
- 客制化帽盖选择，镭射雕刻服务。
- 手感绝佳，质量可靠。

使用范围：

- 时尚消费产品。
- 仪器通讯、居家等。

General Specifications (产品规格)

Function: 2P2T, 4P2T Lock/Non-lock Action with LED
Contact Rating: 0.3A 30V DC
Contact Resistance: 20mΩ Max. 1.5V DC/100 mA, by method of voltage drop
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute
Actuation Force: 200±100gf
Total Travel: 2.5mm±0.3mm, 3.3mm±0.3mm
Operating Life: 10,000 cycles
Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polyoxymethylen (POM)
Actuator: Polyoxymethylen (POM)
Base Frame: Polyamide (PA)+GF
Terminal: Brass with silver plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

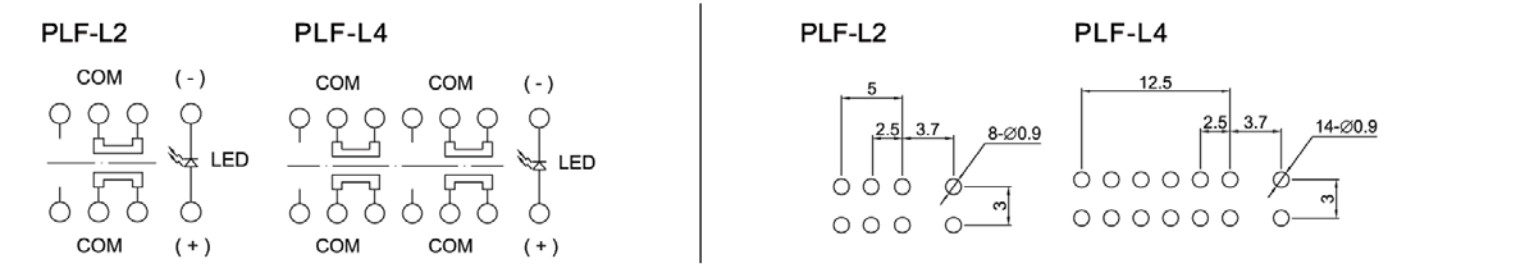
Ordering Information (订货标记)

SERIES	OPERATION	POLE	ACTUATOR TYPE	CAP COLOR	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WL6	L	2	A	N	B	H	B	H	
	N=NONE-LOCK L=LOCK	2=2 POLE 4=4 POLE	A=A TYPE B=B TYPE N=NONE	T=TRANSPARENT N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	

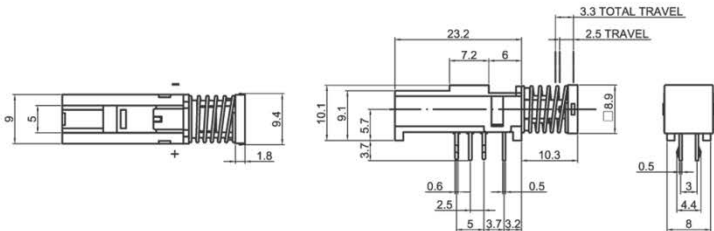
CAP Symbol: Any customization is welcomed.

CIRCUIT

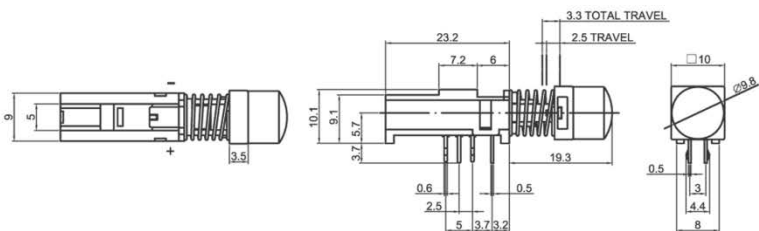
P.C.B LAYOUT



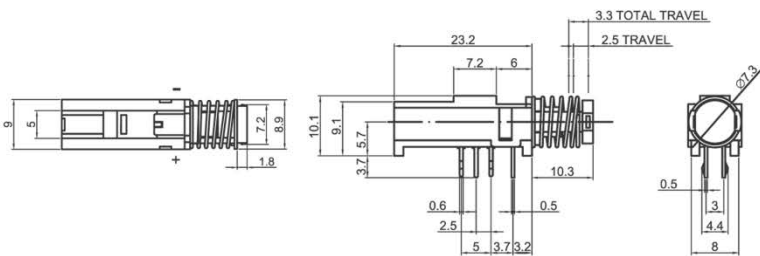
WL6-L2AN-BHBH



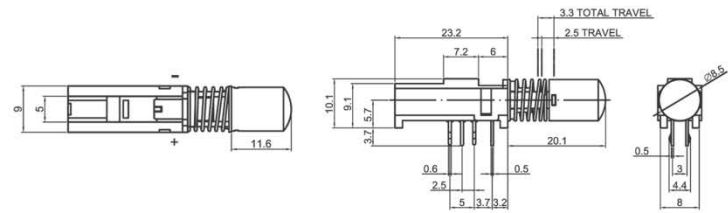
WL6-L2AT-GHGH



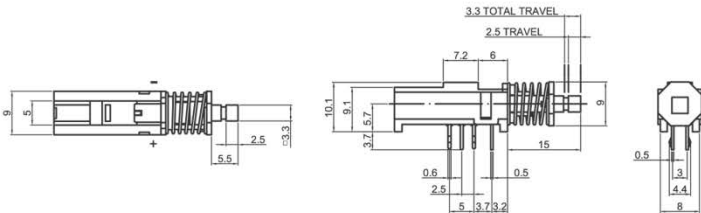
WL6-L2BN-RHRH



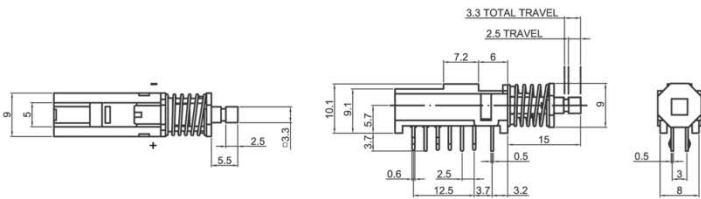
WL6-L2BT-YHYH

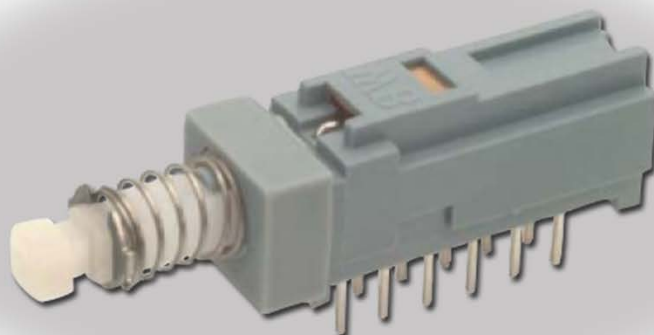


WL6-N2NN-BHNN



WL6-L4NN-YHNN



**Features:**

- Multiple keys and poles.
- Interlock and individual lock.

Applications:

- Various switching purpose.
- In all home electronic equipments .
- Industrial equipments.

产品特点：

- 多个键和极。
- 联锁和单独锁定。

使用范围：

- 各种切换的需要。
- 所有家用电子设备。
- 工业设备。

General Specifications (产品规格)

Circuit: 2P2T, 4P2T, 6P2T, Momentary and Lock type are available

Contact Rating: 0.1A 30V DC

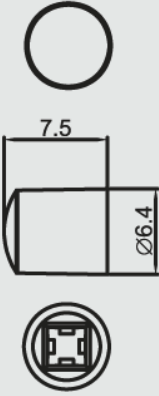
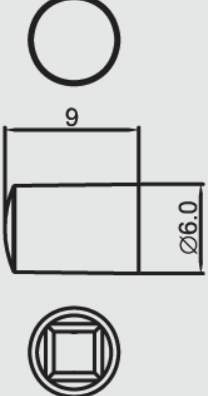
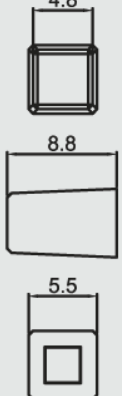
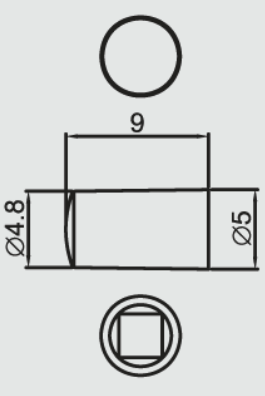
Actuation Force: 2 pole: 230±50gf; 4 pole: 280±50gf; 6 pole: 380±50gf

Operating Life: 1,000,000 cycles

Operating Temperature: -20°C to 70°C

Ordering Information (订货标记)

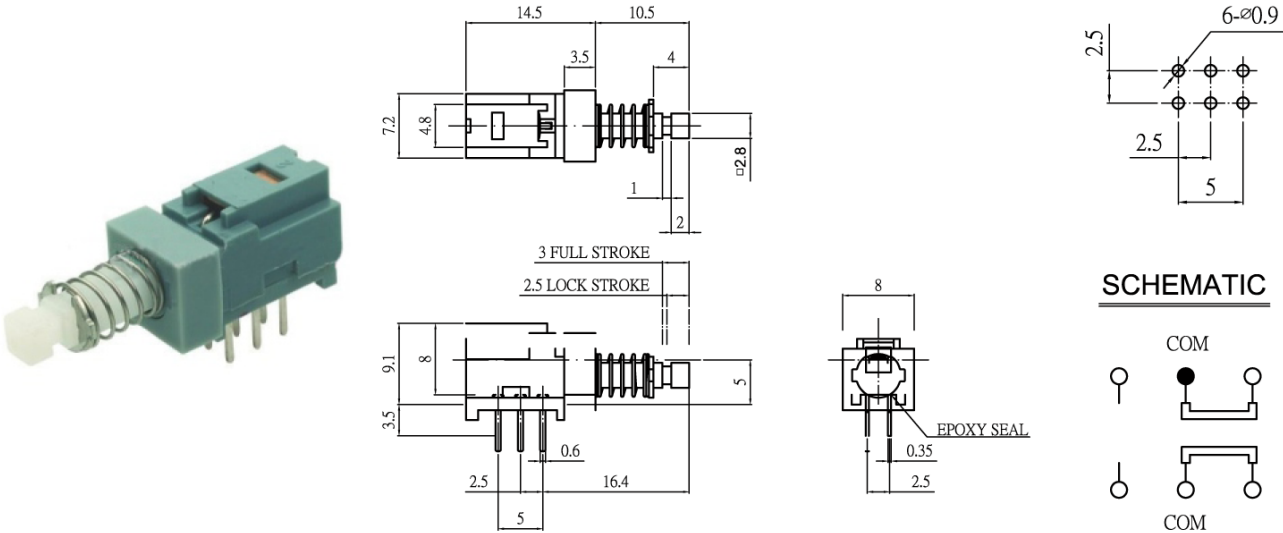
SERIES	OPERATION	POLE	FRAME TYPE	CAP TYPE	CAP COLOR
WS1	L	22	N	N	T
	N=NONE-LOCK L=LOCK TYPE	22=2P2T 44=4P4T 66=6P6T	N=NONE TYPE A=A TYPE B=B TYPE	N=NONE CAP 01=01 TYPE 02=02 TYPE 03=03 TYPE 04=04 TYPE 05=05 TYPE 06=06 TYPE 07=07 TYPE	T=TRANSPARENT B=BLUE G=GREEN R=RED Y=YELLOW S=SILVER A=GRAY K=BLACK

	01 Type	02 Type	03 Type	04 Type
Shape				
Dimension				

WS1-L22N

Dimensions

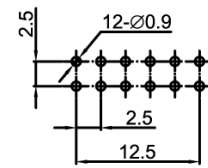
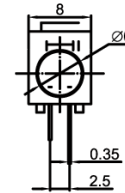
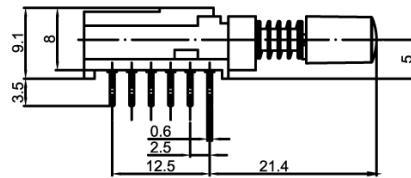
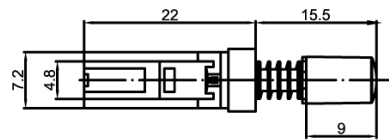
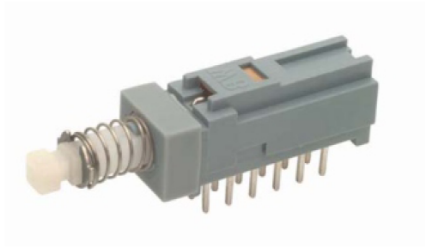
P.C.B Layout



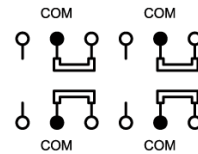
WS1-L44N-02K

Dimensions

P.C.B Layout



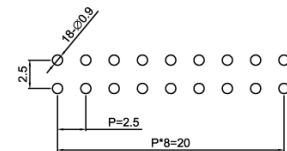
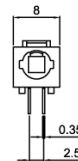
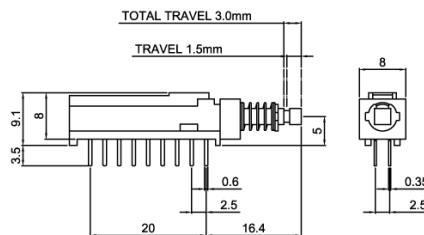
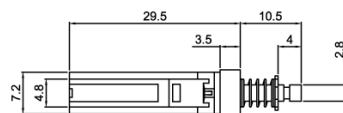
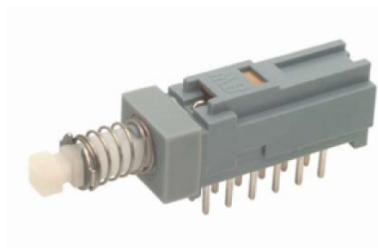
SCHEMATIC



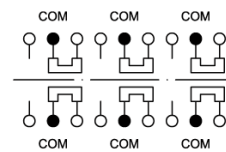
WS1-L66N

Dimensions

P.C.B Layout



SCHEMATIC



**Features:**

- Super bright LED of single, dual or RGB colors available.
- Choice of colored caps.
- Choice of painted colored caps.
- Laser marking service.
- Available with Tactile or Silent feeling.
- With silicon dust cover to keep contact point clean.

Applications:

- Consumer products.
- Computer products.
- Instrumentation.
- Communications equipments.
- Home security...etc.

产品特点：

- 超高亮 LED 照光，耐久鲜明。
- 客制化帽盖选择。
- 喷漆色盖、镭射雕刻服务。
- 提供轻触型跟无声型。
- 具防尘结构，保护触点清洁。

使用范围：

- 时尚消费产品。
- 电脑周边。
- 仪器通讯。
- 居家...等。

General Specifications (产品规格)

Contact Rating: 50mA 12V DC
Contact Resistance: 100mΩ Max. (initial)
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute
Actuation Force: 180±50gf
Total Travel: 0.2mm±0.1mm
Operating Life: 500,000 cycles Min.
Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polyamide (PA)
Actuator: Polyamide (PA)
Base Frame: Polyamide (PA)
Terminal: Brass with silver plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

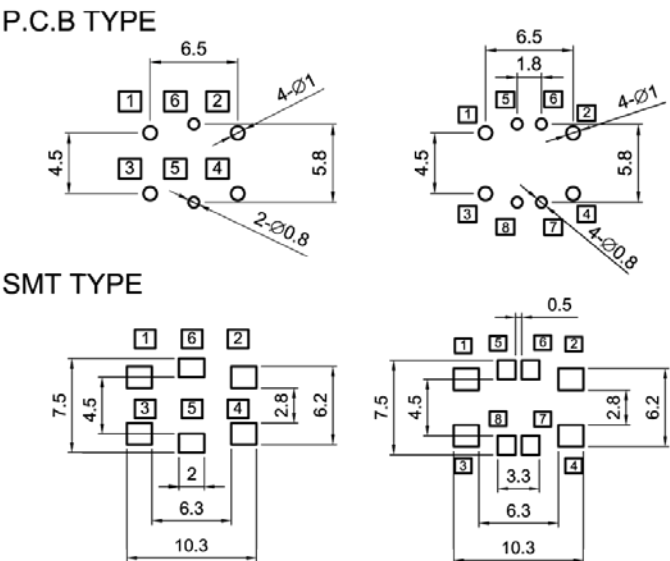
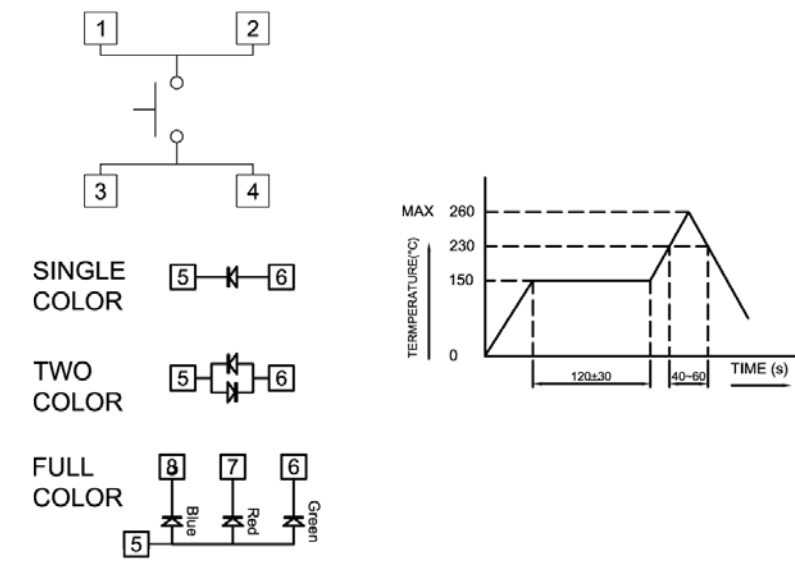
SERIES	FRAME TYPE	FRAME COLOR	CAP TYPE	CAP COLOR	TERMINAL	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WT1	N	N	N	N	P	R	H	N	N	
	S=SQUARE R=ROUND N=NONE	K=BLACK W=WHITE A=GRAY N=NONE	S=SQUARE S1=S1 sq S2=S2 sq R=ROUND R1=R1 ro R2=R2 ro N=NONE	T=TRANSPARENT K=BLACK G=GREEN R=RED A=GRAY S=SILVER N=NONE	P=P.C.B TYPE S=SMT TYPE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	

CAP Symbol: Any customization is welcomed.

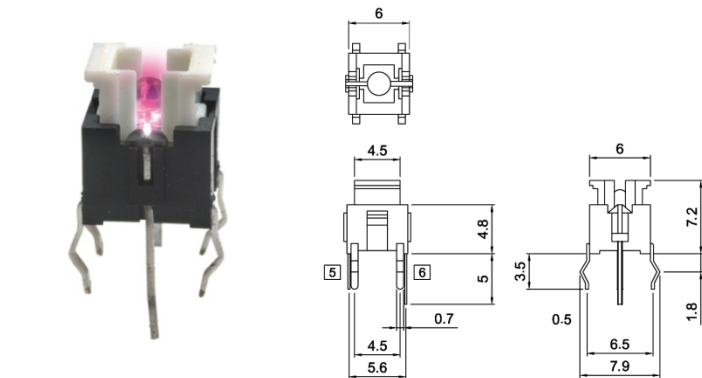
CIRCUIT

REFLOW SOLDERING

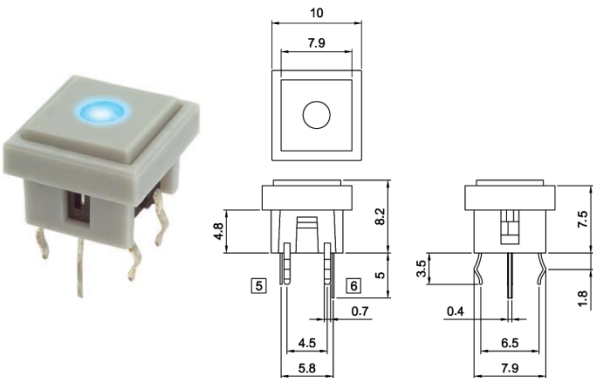
P.C.B LAYOUT



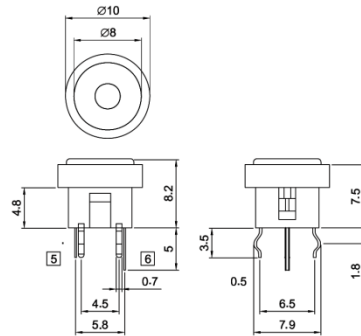
WT1-NNNNP-RHNN



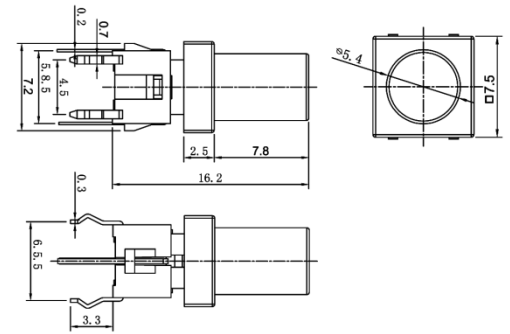
WT1-SASAP-BHNN



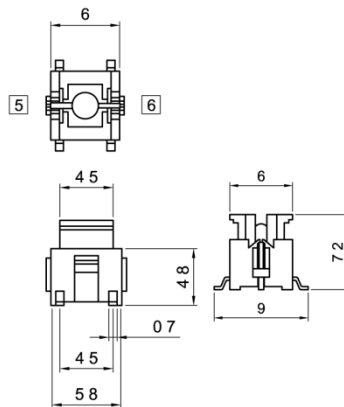
WT1-RKRKP-BHNN



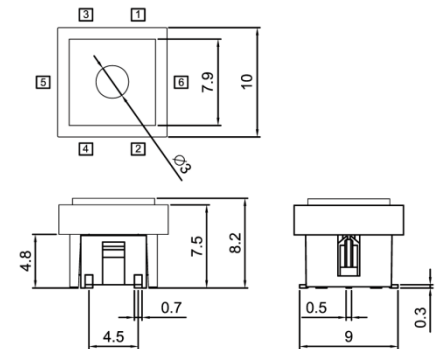
WT1-NNS1TP-GHNN



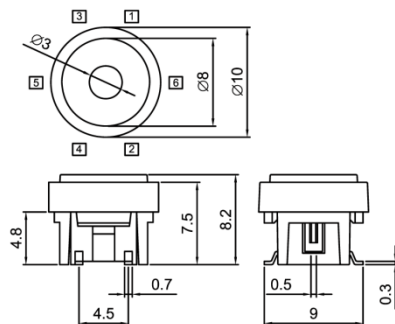
WT1-NNNS-YHNN



WT1-SASAS-RHNN



WT1-RKRKS-RHNN





Features:

- Super bright LED of single, dual or RGB colors available.
- Choice of colored caps.
- Choice of painted colored caps.
- Laser marking service.
- Available with Tactile or Silent feeling.
- With silicon dust cover to keep contact point clean.

Applications:

- Consumer products.
- Computer products.
- Instrumentation.
- Communications equipments.
- Home security...etc.

产品特点：

- 超高亮 LED 照光，耐久鲜明。
- 客制化帽盖选择。
- 喷漆色盖、镭射雕刻服务。
- 提供轻触型跟无声型。
- 具防尘结构，保护触点清洁。

使用范围：

- 时尚消费产品。
- 电脑周边。
- 仪器通讯。
- 居家...等。

General Specifications (产品规格)

Contact Rating: 50mA 12V DC
Contact Resistance: 100mΩ Max. (initial)
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 500V AC for 1 minute
Actuation Force: 180±50gf
Total Travel: 0.2mm±0.1mm
Operating Life: 500,000 cycles Min.
Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polyamide (PA)
Actuator: Polyamide (PA)+GF
Base Frame: Polyamide (PA)+GF
Terminal: Brass with silver plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

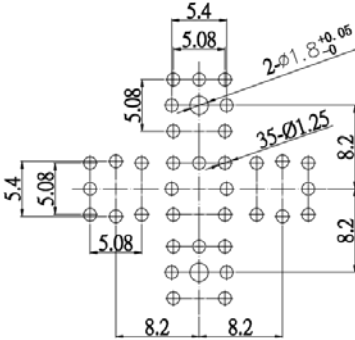
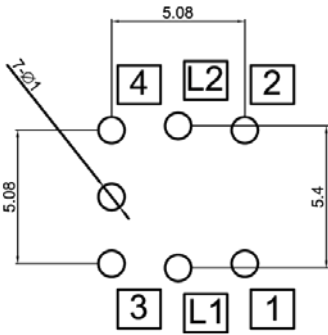
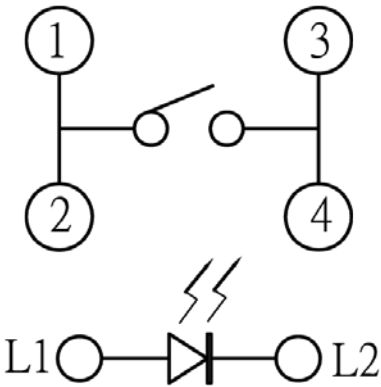
Ordering Information (订货标记)

SERIES	FRAME TYPE	FRAME COLOR	CAP TYPE	CAP COLOR	TERMINAL	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WT2	N	N	N	N	P	R	H	N	N	
	S=SQUARE S1=S1 sq S2=S2 sq S3=S3 sq R=ROUND R1=R1 ro R2=R2 ro R3=R3 ro N=NONE	K=BLACK W=WHITE A=GRAY N=NONE	S=SQUARE S1=S1 sq S2=S2 sq S3=S3 sq R=ROUND R1=R1 ro R2=R2 ro R3=R3 ro N=NONE	T=TRANSPARENT K=BLACK W=WHITE R=RED A=GRAY S=SILVER N=NONE	P=P.C.B TYPE S=SMT TYPE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	

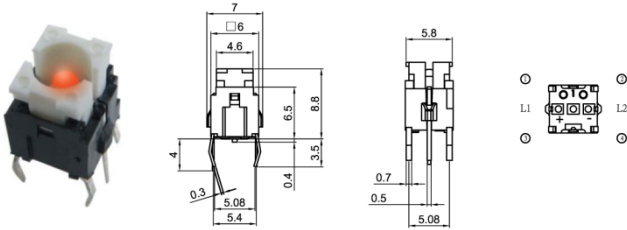
CAP Symbol: Any customization is welcomed.

CIRCUIT

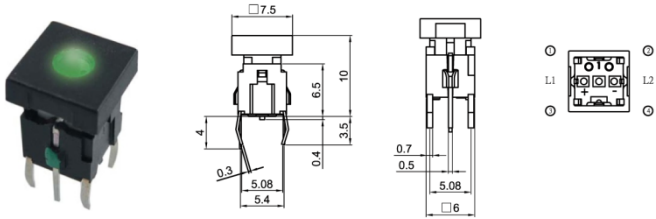
P.C.B LAYOUT



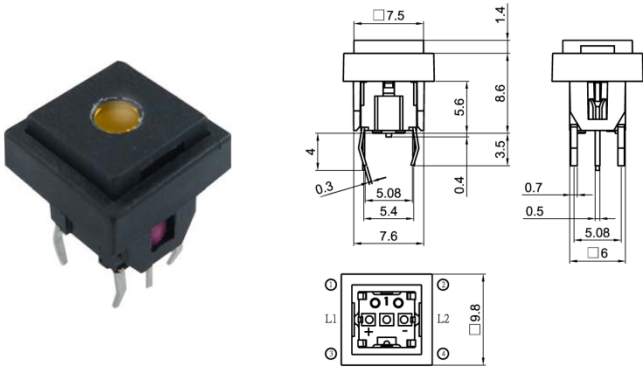
WT2-NNNRP-RHNN



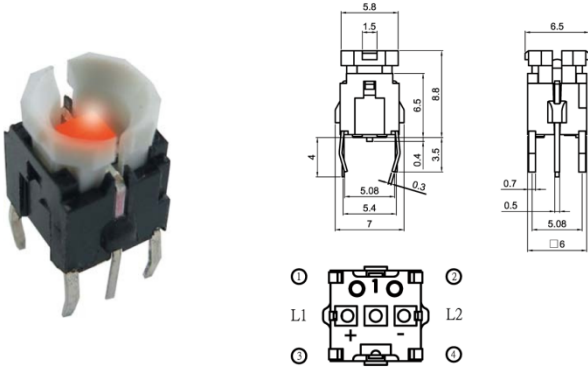
WT2-NNSKP-GHNN



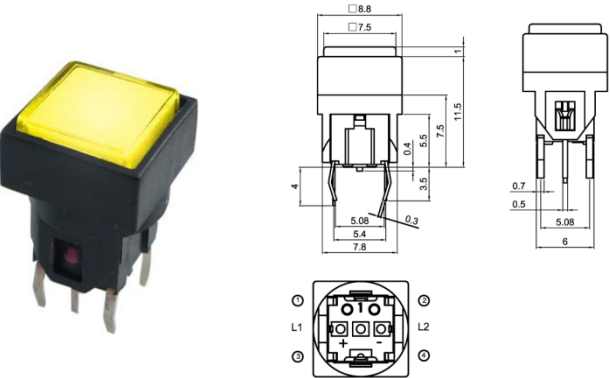
WT2-SKSKP-YHNN



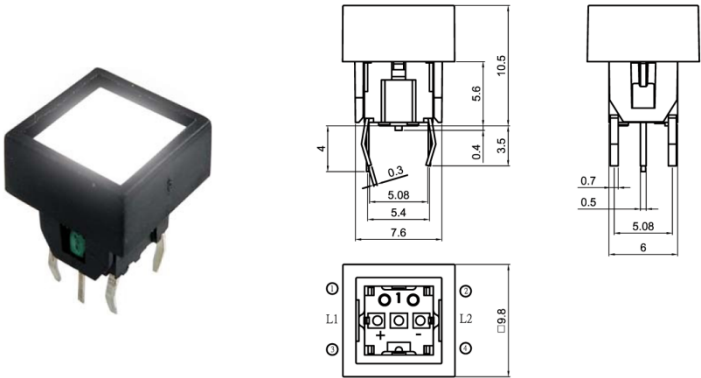
WT2-S1NNRP-RHNN



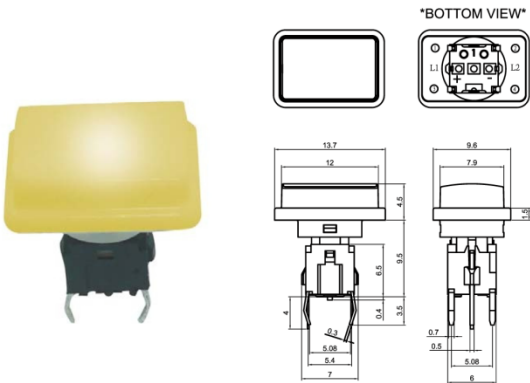
WT2-S1KS1TP-YHNN



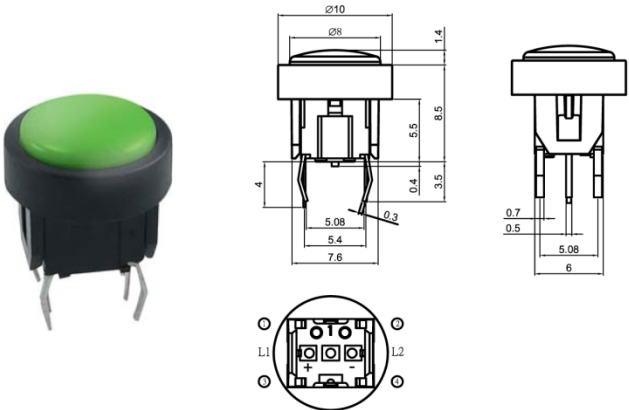
WT2-S2KS2TP-WHNN



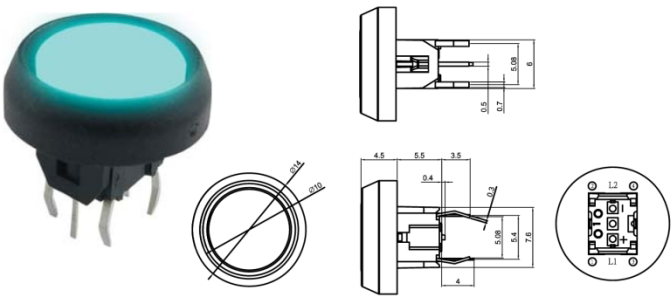
WT2-NNS3WP-YHNN



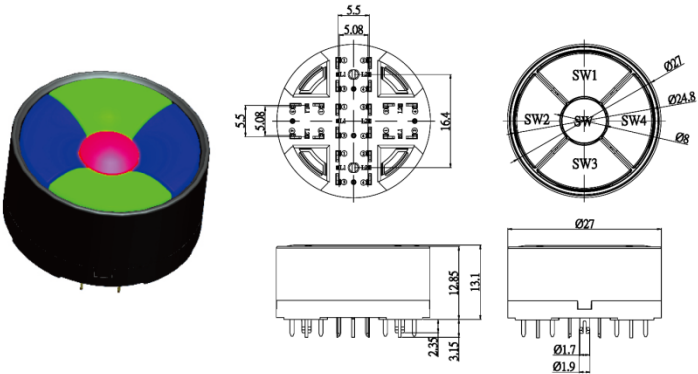
WT2-RKRWP-GHNN



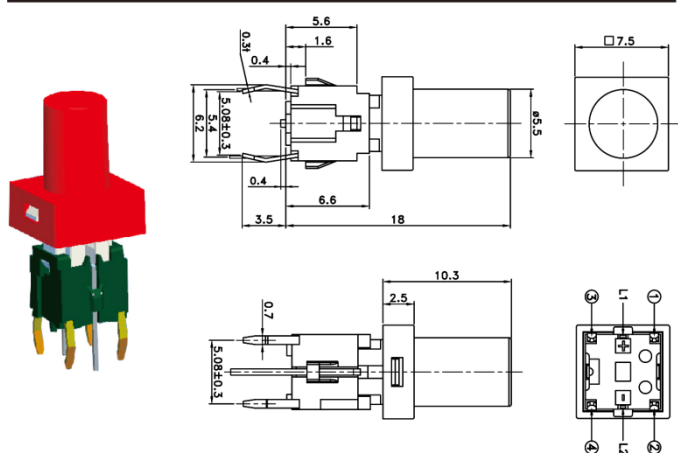
WT2-R1KR1WP-BHNN



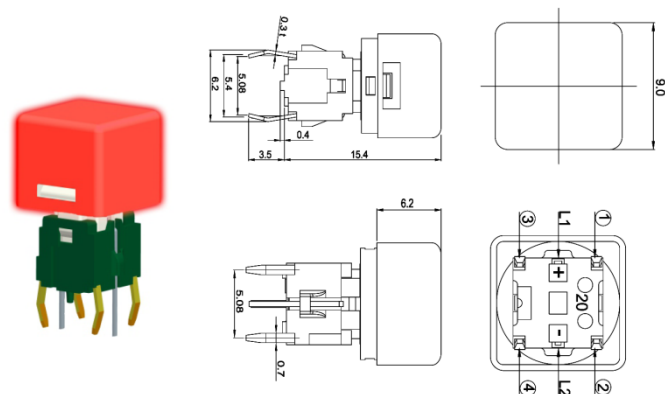
WT2-5-A



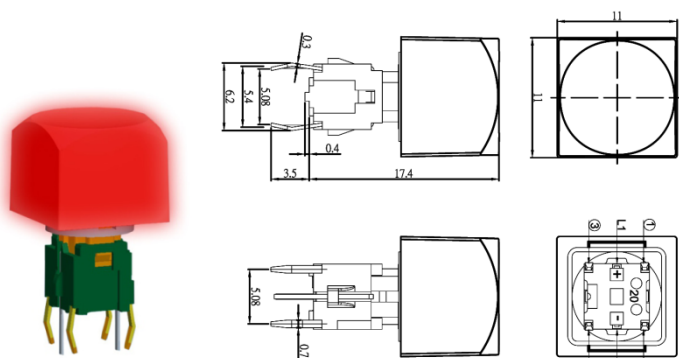
WT2-NNS1TP-RHNN



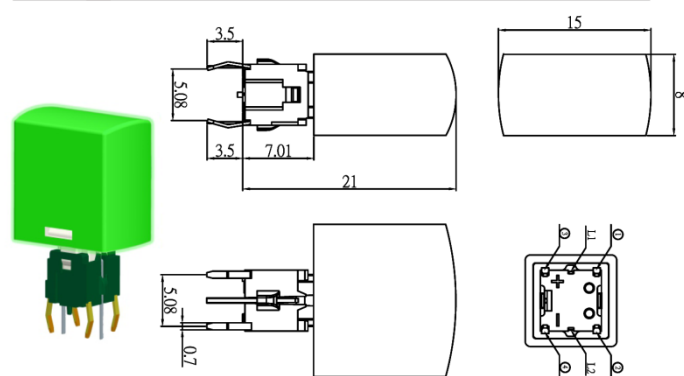
WT2-NNS7WP-RHNN



WT2-NNS7WTP-RHNN



WT2-NNS8WP-GHNN



产品特点：

- 超高亮 LED 照光，耐久鲜明。
- 客制化帽盖选择。
- 喷漆色盖、镭射雕刻服务。
- 手感绝佳，质量可靠。

使用范围：

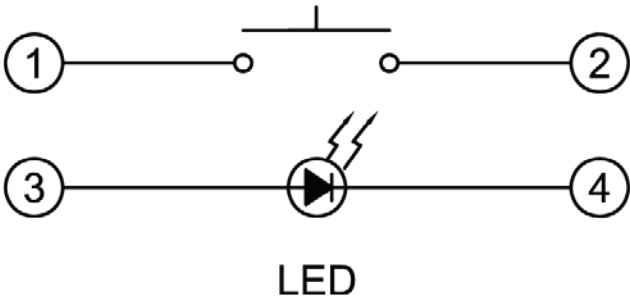
- 音频、视频产品。
- 仪器、通讯设备等。

Ordering Information (订货标记)

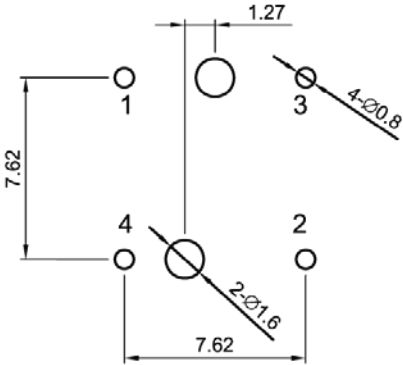
SERIES	OPERATION	POLE	ACTUATOR	CAP TYPE	CAP COLOR	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WT3	M	1	B	A	W	W	H	N	N	
	M=MOMENTRAY	1=1 POLE	A=A TYPE B=B TYPE	A=6.0mm sq B=8.6mm sq C=11.0mm sq D=11.0mm ro E=15.0mm sq F=17.4mm sq	T=TRANSPARENT W=WHITE R=RED G=GREEN B=BLUE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHTIE N=NONE	H=HIGH N=NONE	

CAP Symbol: Any customization is welcomed.

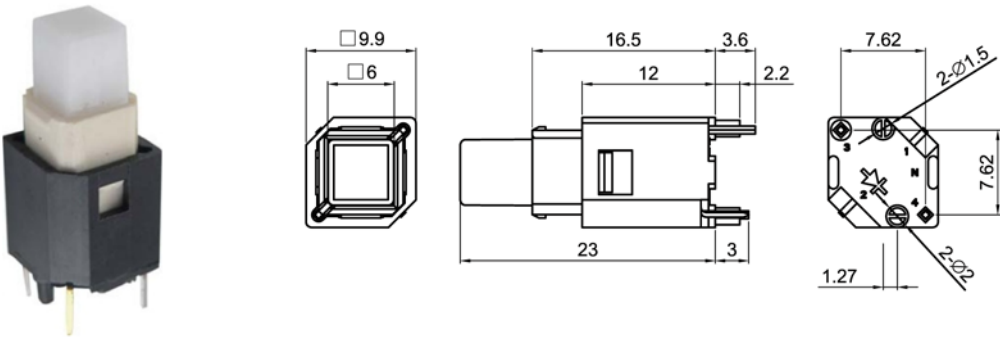
CIRCUIT



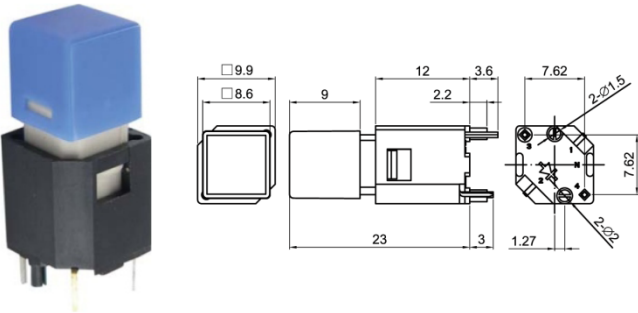
P.C.B LAYOUT



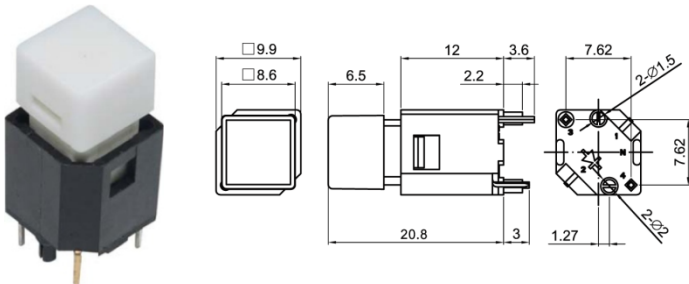
WT3-M1BAW-WHNN



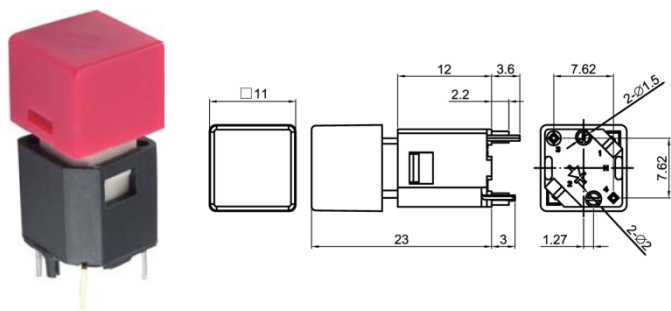
WT3-M1ABB-BHNN



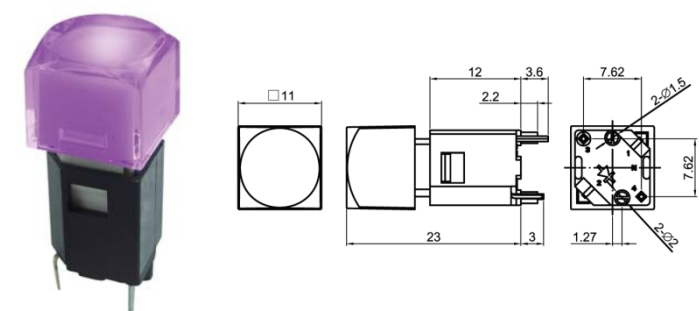
WT3-M1AB1W-WHNN



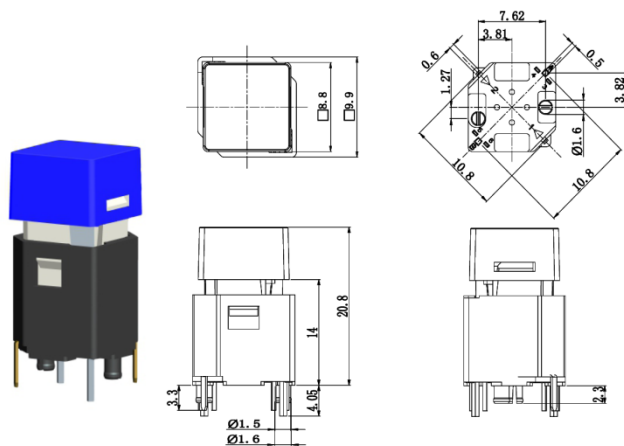
WT3-M1ACR-RHNN



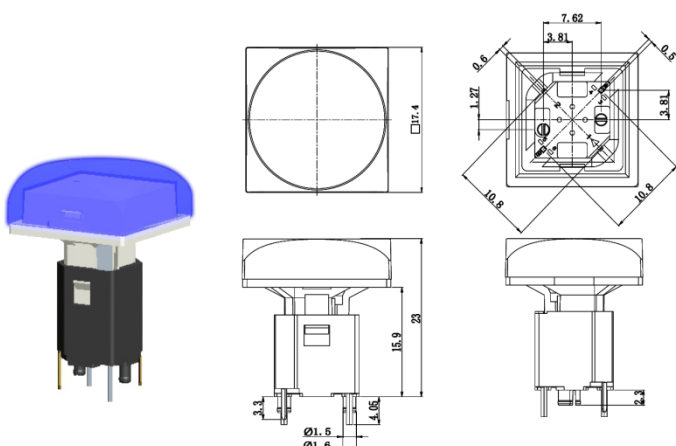
WT3-M1ADT-BHNN



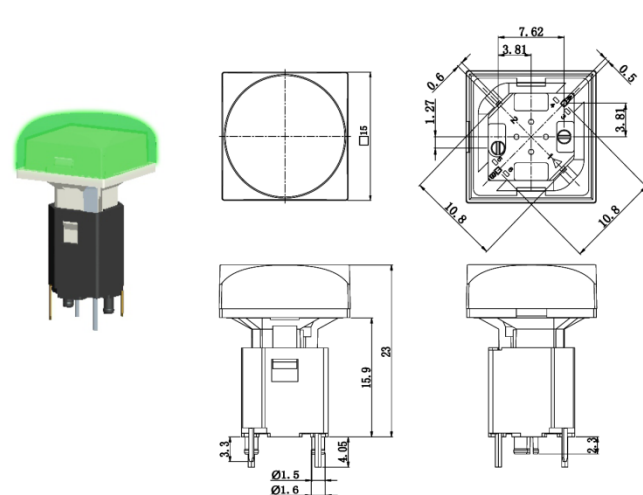
WT3-M1ABW-BHNN



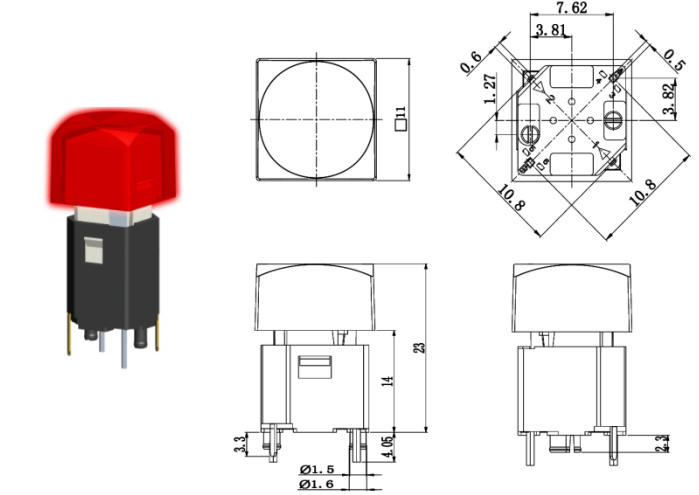
WT3-M1AFT-BHNN

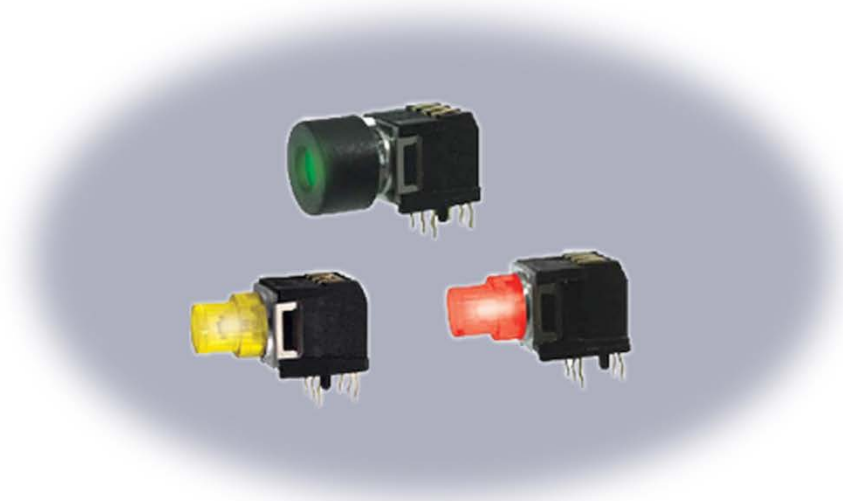


WT3-M1AET-GHNN



WT3-M1ADT-RHNN



**Features:**

- Small size.
- Excellent contact feeling.
- Bi-color LED illuminated available.
- Right angle through hole mount design.

Applications:

- Consumer products.
- Network products.
- Instrumentation.
- Communication equipments...etc.

产品特点：

- 小尺寸。
- 接触感觉良好。
- 双色 LED 照明可用。
- 直角通孔安装设计。

使用范围：

- 时尚消费产品。
- 网络产品。
- 仪器通讯。

General Specifications (产品规格)

Circuit: 1P2T

Contact Rating: Power Min./Max.: 0.02VA/1.0VA, Current Min./Max.: 0.1mA~100mA, Voltage Min./Max.: DC 20mV~DC 32V

Contact Resistance: 250mΩ Max. 1.5V DC / 100mA, by method of voltage drop

Insulation Resistance: 100mΩ Min. 500V DC

Dielectric Strength: Breakdown is not allowable, 250V AC for 1 minute

Actuation Force: 400±125gf

Total travel: 2.0mm Max.

Operating Life: 50,000 cycles Min.

Operating Temperature: -40°C to 85°C

Material (产品材质)

Actuator: Polyamide (PA)+GF

Frame: Polycarbonate (PC)

Terminal: Brass with gold plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

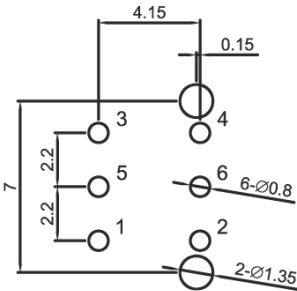
SERIES	OPERATION	POLE	FRAME TYPE	CAP TYPE	CAP COLOR	LED COLOR	LED COLOR	CAP SYMBOL
WT6	N	1	A	A	T	Y	N	
	N=NON-LOCK	1=1 POLE	A=A TYPE B=B TYPE C=C TYPE	A=A TYPE B=B TYPE C=C TYPE	T=TRANSPARENT K=BLACK G=GREEN B=BLUE Y=YELLOW S=SILVER	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	

CAP Symbol: Any customization is welcomed.

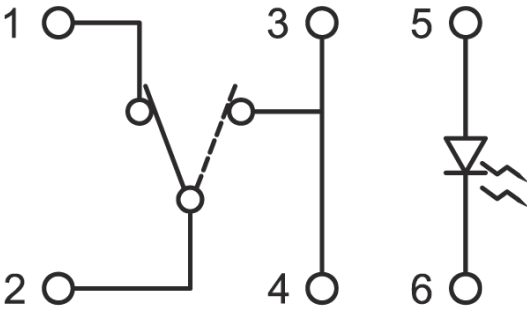
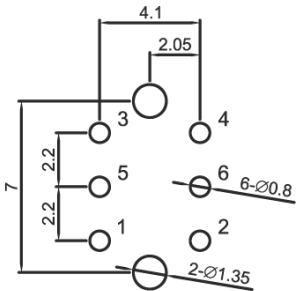
CIRCUIT

P.C.B LAYOUT

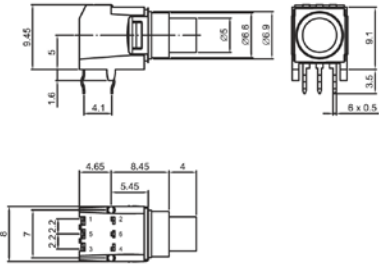
FRAME A



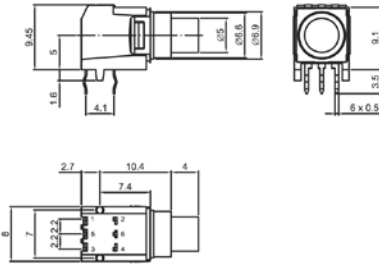
FRAME B



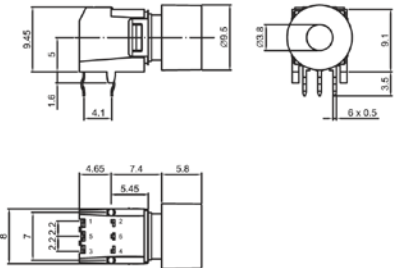
WT6-N1AAT-YN



WT6-N1BAT-RN



WT6-N1AAT-GN





Features:

- Super bright LED, Smooth illuminated.
- Choice of colored caps.
- Choice of painted colored caps.
- Laser marking service.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 超高亮 LED 超光，耐久鲜明。
- 客制化帽盖选择，可提供符号多彩转印服务。

使用范围：

- 音响、影像等录音室器材设备
- 广播系统、电信仪器设备

General Specifications (产品规格)

Contact Rating: 50mA, 12V DC
Contact Resistance: 100mΩ Max. (initial)
Insulation Resistance: 100mΩ Min. 250V DC
Dielectric Strength: Breakdown is not allowable, 250V AC for 1 minute
Actuation Force: 170±40gf
Total Travel: 0.25mm±0.2/-0.1mm
Operating Life: 500,000 cycles Min.
Operating Temperature: -25°C to 70°C

Material (产品材质)

Case: PBT (UL 94-V0)
Housing: PBT (UL 94-V0)
Actuator: PC
Terminal/Contact: Brass with silver plating
RoHS & Lead Free

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

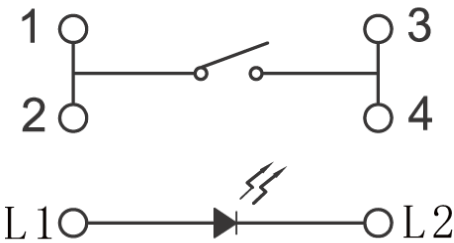
For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

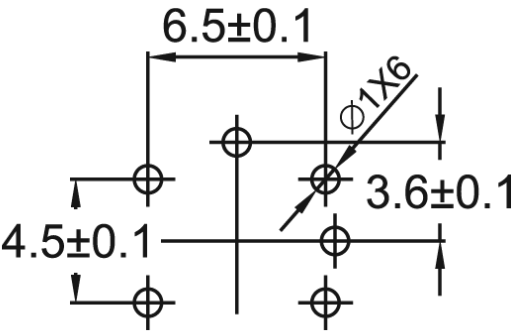
SERIES	FRAME TYPE	PLATE COLOR	CAP TYPE	CAP COLOR	TERMINAL	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WT10	S	W	S1	W	P	G	H	N	N	
	S=SQUARE R=ROUND	W=WHITE B=BLUE G=GREEN R=RED Y=YELLOW O=ORANGE N=NONE	S=SQUARE S1=S1 sq S2=S2 sq S3=S3 sq R=ROUND N=NONE	T=TRANSPARENT B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE S=SILVER N=NONE	P=P.C.B TYPE S=SMT TYPE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	

CAP Symbol: Any customization is welcomed.

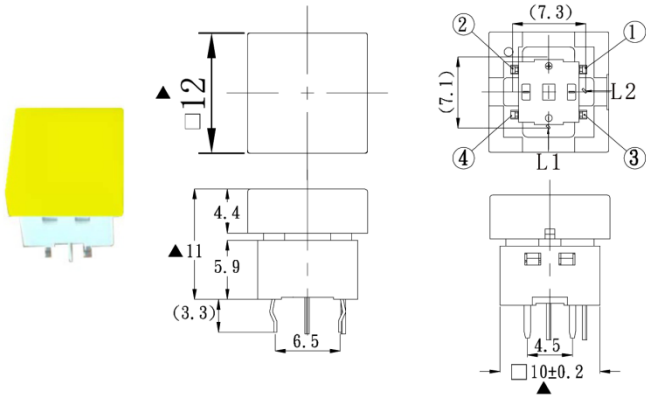
CIRCUIT



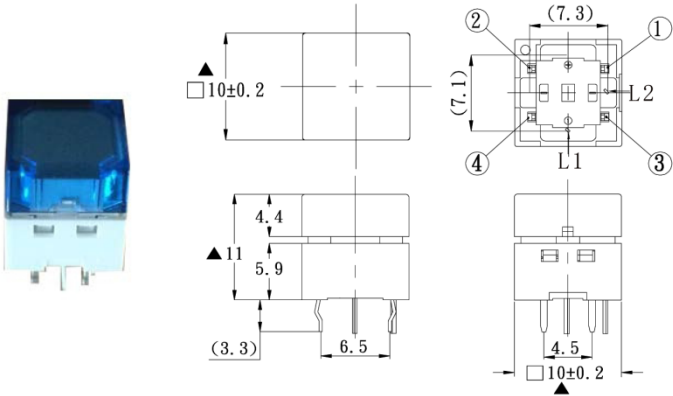
P.C.B LAYOUT



WT10-SWS1WP-GHNN



WT10-SWSTP-BHNN





Features:

- Sound clearly & Excellent contact feeling.
- Super bright LED, Smooth illuminated.
- Choice of colored caps.
- Choice of painted colored caps.
- Laser marking service.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 声音干脆和手感绝佳。
- 超高亮 LED 灯光，耐久鲜明。
- 客制化帽盖选择，可提供符号多彩转印服务。

使用范围：

- 音响、影像等录音室器材设备
- 广播系统、电信仪器设备

General Specifications (产品规格)

Contact Rating: 50mA, 12V DC
Contact Resistance: 100mΩ Max. (initial)
Insulation Resistance: 100mΩ Min. 500V DC
Dielectric Strength: Breakdown is not allowable, 250V AC for 1 minute
Actuation Force: 250±50gf
Total Travel: 0.4mm±0.15mm
Operating Life: 500,000 cycles
Operating Temperature: -20°C to 70°C

Material (产品材质)

Cover: Polycarbonate (PC)
Actuator: Polyamide (PA)+GF
Base Frame: Polyamide (PA)+GF
Terminal: Brass with gold plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

Ordering Information (订货标记)

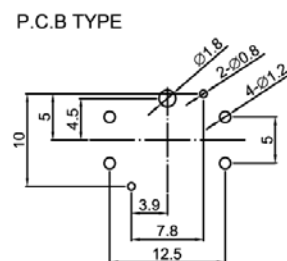
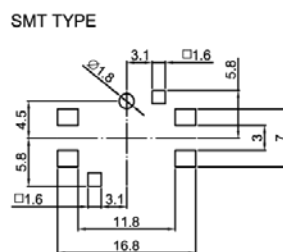
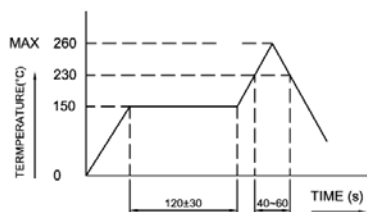
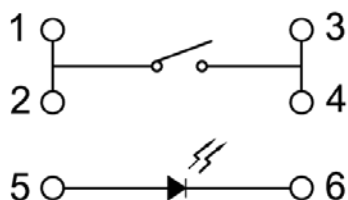
SERIES	FRAME TYPE	PLATE COLOR	CAP TYPE	CAP COLOR	TERMINAL	LED COLOR	LED BRIGHTNESS	LED COLOR	LED BRIGHTNESS	CAP SYMBOL
WT12	S	W	S	T	P	G	G	H	N	
	S=SQUARE R=ROUND	W=WHITE B=BLUE G=GREEN R=RED Y=YELLOW N=NONE	S=SQUARE S1=S1 sq S2=S2 sq S3=S3 sq S4=S4 sq S5=S5 sq S6=S6 sq S7=S7 sq R=ROUND N=NONE	T=TRANSPARENT S=SILVER N=NONE	P=P.C.B TYPE S=SMT TYPE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITE N=NONE	H=HIGH N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW W=WHITIE N=NONE	H=HIGH N=NONE	

CAP Symbol: Any customization is welcomed.

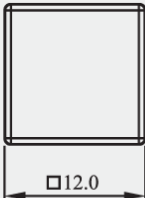
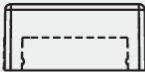
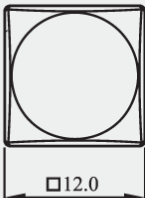
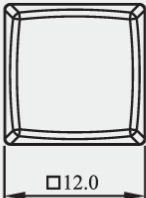
CIRCUIT

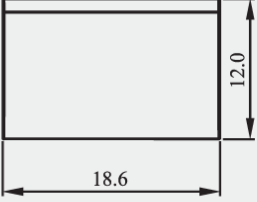
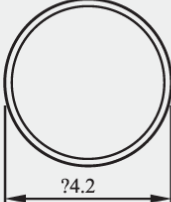
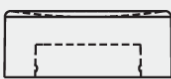
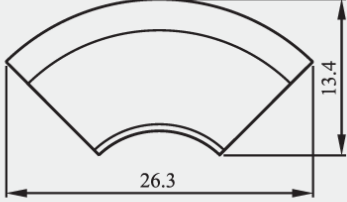
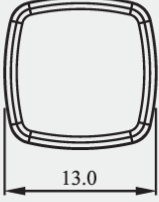
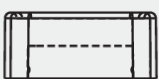
REFLOW SOLDERING

P.C.B LAYOUT

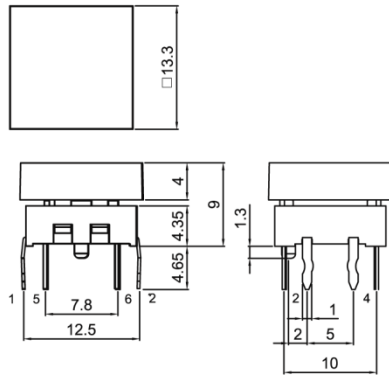


Cap Choice (帽盖选择)

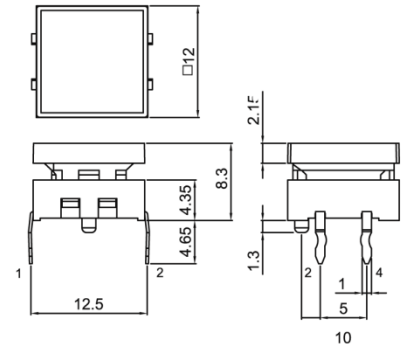
	S4A Type	S4B Type	S4C Type	S4D Type
Shape				
Dimension	 	 	 	 

	S4E Type	R Type	R1 Type	R2 Type
Shape				
Dimension	 	 	 	 

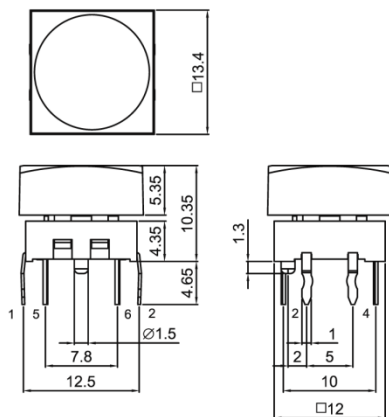
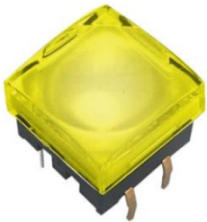
WT12-SWSTP-GHNN



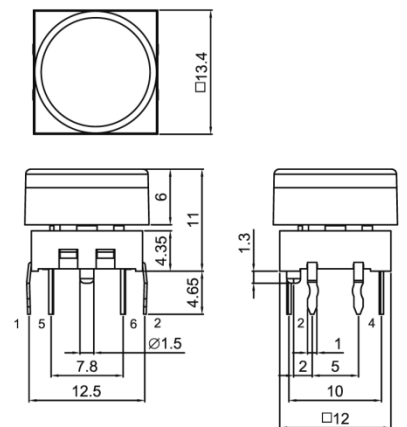
WT12-SWNNP-NNNN



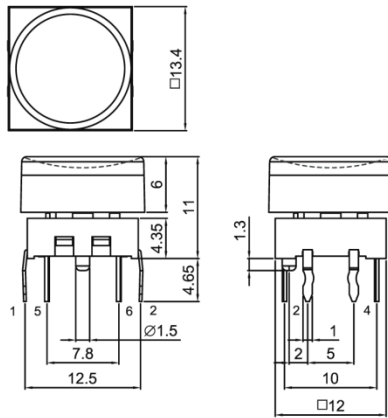
WT12-SWS1TP-YHNN



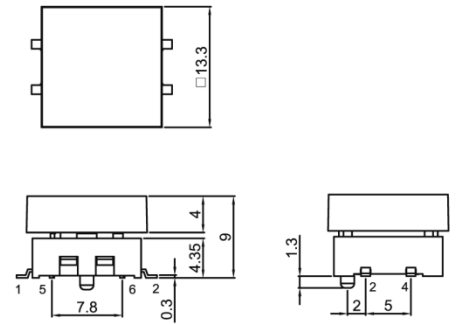
WT12-SWS2TP-RHNN



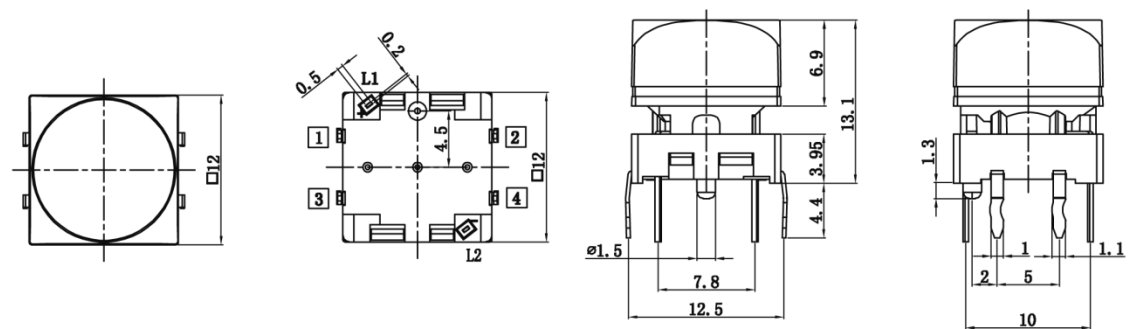
WT12-SWS3TP-BHNN



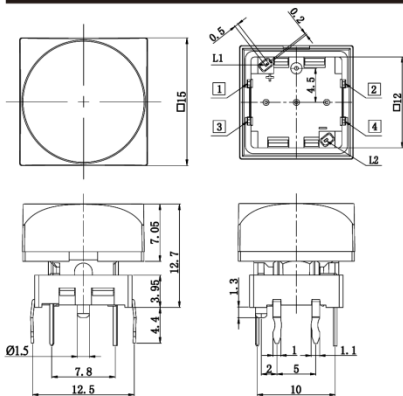
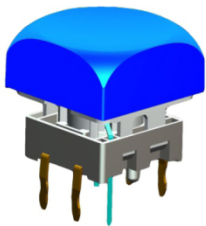
WT12-SWSTS-RHNN



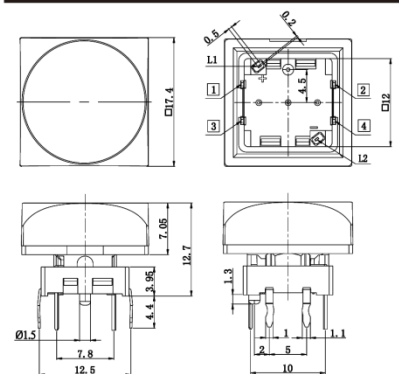
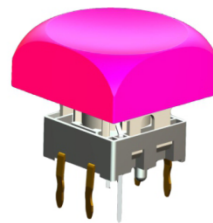
WT12-SWS4TP-RHNN



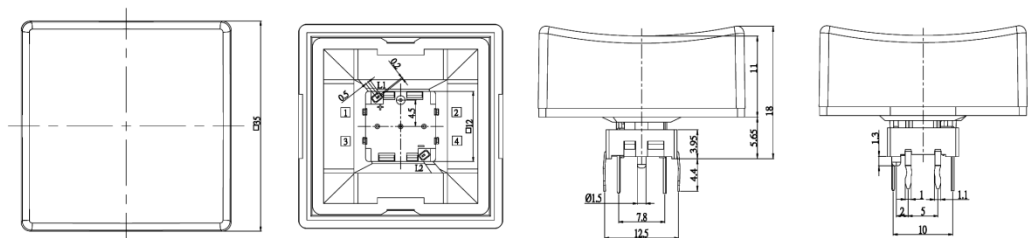
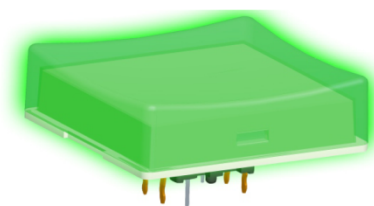
WT12-SWS5TP-BHNN



WT12-SWS6TP-RHNN



WT12-SWS7TP-GHNN





Features:

- Sound clearly & Excellent contact feeling.
- Super bright LED, Smooth illuminated.
- Snap-action contact mechanism.
- Small and short body for mounting in tight spaces.
- Bright LEDs of single, Dual colors available.

Applications:

- Studio equipment.
- Audio/Video products.
- Broadcast system.
- Instrumentation.
- Telecommunications...etc.

产品特点：

- 声音干脆，手感绝佳。
- 超高亮 LED 照光，耐久鲜明。
- 快动作联系结构。
- 小巧，安装方便，节省空间。
- 明亮的 LED，双色可选。

使用范围：

- 音响、影像等录音室器材设备。
- 广播系统、电信仪器设备等。

General Specifications (产品规格)

Function: SPST
Contact Rating: 50mA 12V DC
Contact Resistance: 100mΩ Max. (initial max.)
Insulation Resistance: 100mΩ Min.
Actuation Force: 220±50gf
Total Travel: 0.3mm±0.1mm
Operating Life: 1,000,000 cycles Min.
Operating Temperature: -25°C to 60°C

Material (产品材质)

Cover: Polycarbonate (PC)
Actuator: Polyamide (PA)
Base Frame: LCP
Terminal: Phosphor bronze(PBS) with gold plating

LED Specifications (LED 规格)

Color	V		Recommended Operating Current	VF	
				Nom	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department.

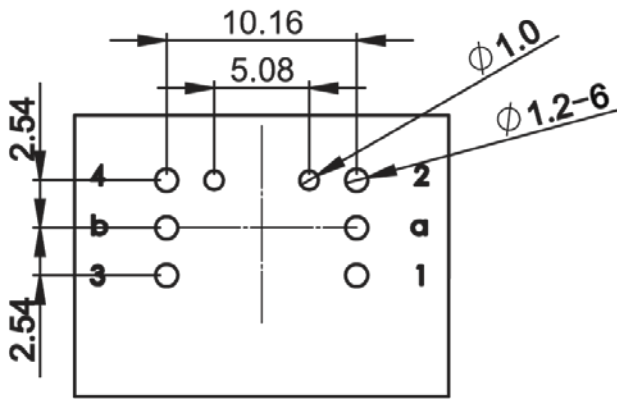
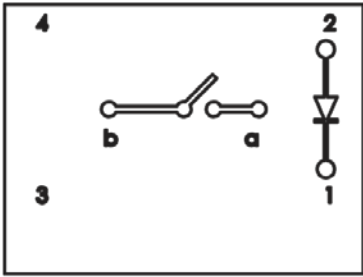
Ordering Information (订货标记)

SERIES	OPERATION	POLE	TERMINAL	CAP TYPE	CAP COLOR	PLATE COLOR	LED COLOR	LED COLOR	CAP SYMBOL
WTB	N	1	P	A	T	W	R	N	
	N=NON-LOCK	1=1 POLE	P=P.C.B TYPE S=SMT TYPE	A=15.0mm S1 TYPE B=15.0mm S2 TYPE C=15.0mm S3 TYPE D=17.4mm S1 TYPE E=17.4mm S2 TYPE F=17.4mm S3 TYPE R=22.0mm R1 TYPE	T=TRANSPARENT R=RED G=GREEN B=BLUE Y=YELLOW S=SILVER	W=WHITE R=RED G=GREEN B=BLUE Y=YELLOW	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	B=BLUE G=GREEN R=RED Y=YELLOW F=FULL COLOR N=NONE	

CAP Symbol: Any customization is welcomed.

CIRCUIT

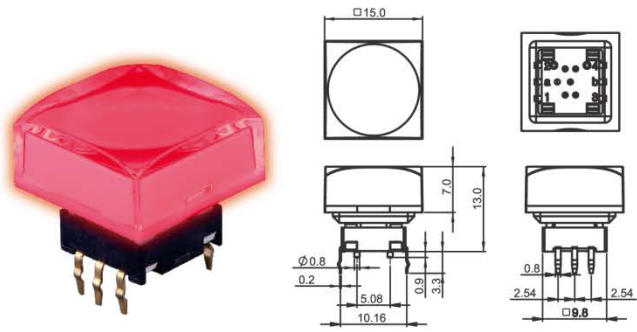
P.C.B LAYOUT



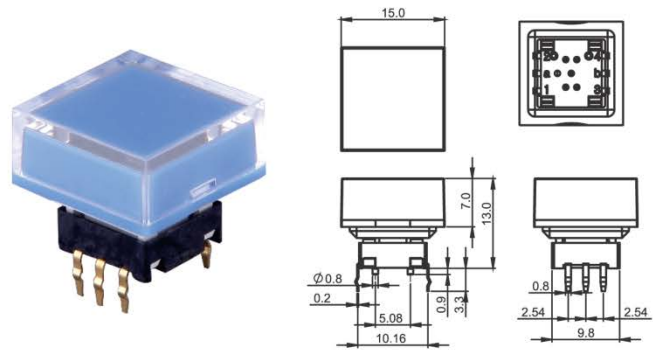
Cap Choice (帽盖选择)

	A Type	B Type	C Type	D Type	E Type	F Type	R Type
Shape							
Dimension							

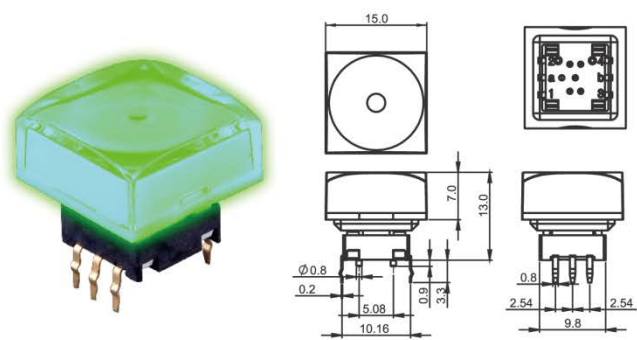
WTB-N1PATW-RN



WTB-N1PBTB-BN



WTB-N1PCTW-GN



**Features:**

- Snap-in & Surface mount type tactile switch.
- Outline dimension 6.0X6.0mm and several kinds of height.
- Vertical and horizontal operating direction.

产品特点：

- 插入式和表面贴装式触摸开关。
- 外形尺寸 6.0X6.0mm 和几种不同的高度。
- 垂直和水平操作方向。

Applications:

- Various Controls for devices in automotive.
- Controls for image/sound devices, radio equipment.
- Operating signal input switches, etc.

使用范围：

- 汽车设备上的各种控制。
- 控制图像/声音设备，无线电设备。
- 操作信号输入开关等。

General Specifications (产品规格)

Contact Rating: Max: 50mA 12V DC

Contact Resistance: 100mΩ Max.

Actuation Force: 130±35gf; 160±35gf; 250±50gf

Operating Life: 100,000 cycles Min.

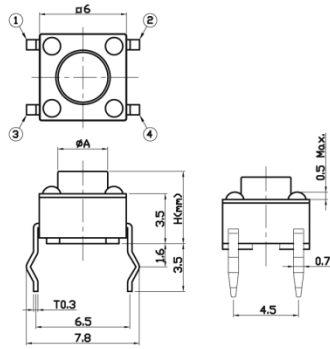
Bounce: 10m sec Max.

Operating Temperature: -20°C to 70°C

Code Information (代码信息)

TYPE	Code Number	Operating Direction	Terminal Shape	Ground & Support Cover	Cover Type
Snap-in Type	1102□	Vertical	Snap-in	Without	1
	1102N□	Horizontal	Snap-in	With	2
	1102NS□	Horizontal	Straight	With	3
	1102H□	Horizontal	Snap-in	With	4
SMT (Surface Mount Type)	1102S□9	Vertical	9mm	Without	5
	1102S□10	Vertical	10mm	Without	6
	1102W□8	Vertical	8mm	Without	7
	1102W□9	Vertical	9mm	Without	8
	1102SP□	Vertical	9mm/10mm	Without	9
	1102US□	Horizontal	Bracket Shape: See drawing	With	10
	1102USL□	Horizontal		With	11
	1102US10□	Horizontal		With	12

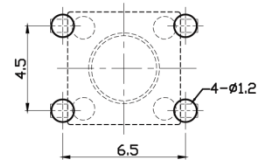
WIT-1102-□ SERIES



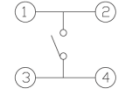
□	H	ΦA
-	4.3	3.5
AS	4.5	3.5
A	5.0	3.5
AL	5.5	3.4
Q	6.0	3.4
QL	6.5	3.4
B	7.0	3.4
E	7.3	3.4
EL	7.5	3.4
C	8.0	3.4
CL	8.5	3.4
DS	9.0	3.4
D	9.5	3.4
DL	10.0	3.0
KS	10.5	3.0

□	H	ΦA
K	11.0	3.0
KL	11.5	3.0
FS	12.0	3.0
F	12.5	3.0
FL	13.0	3.0
G	13.5	3.0
D	14.0	3.0
X	14.5	3.0
Y	15.0	3.0
Z	16.0	3.0
J	16.3	3.0
I	17.0	3.0
T	□2.4X2.4	
TA	□2.8X2.8	

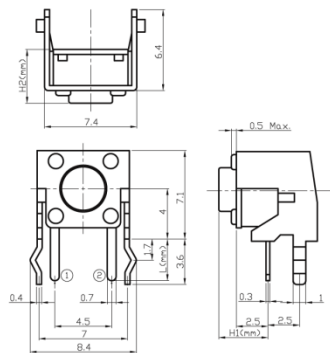
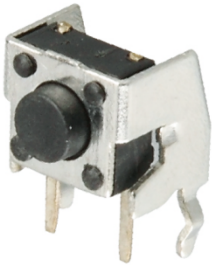
P.C.B MOUNTING PATTERN DIMENSION



CIRCUIT DIAGRAM



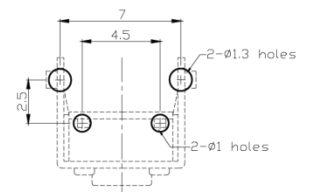
WIT-1102N-□ SERIES



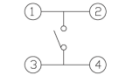
□	H1	H2	ΦA	L
-	3.15	4.3	3.5	3.3
AS	3.35	4.5	3.5	3.5
A	3.85	5.0	3.5	
AL	4.35	5.5	3.4	
Q	4.85	6.0	3.4	
QL	5.35	6.5	3.4	
B	5.85	7.0	3.4	
E	6.15	7.3	3.4	
EL	6.35	7.5	3.4	
C	6.85	8.0	3.4	
CL	7.35	8.5	3.4	
DS	7.85	9.0	3.4	
D	8.35	9.5	3.4	
DL	8.85	10.0	3.0	
KS	9.35	10.5	3.0	

□	H1	H2	ΦA	L
K	9.85	11.0	3.0	
KL	10.35	11.5	3.0	
FS	10.85	12.0	3.0	
F	11.35	12.5	3.0	
FL	11.85	13.0	3.0	
G	12.35	13.5	3.0	
D	12.85	14.0	3.0	
X	13.35	14.5	3.0	
Y	13.85	15.0	3.0	
Z	14.85	16.0	3.0	
J	15.15	16.3	3.0	
I	15.85	17.0	3.0	
T	□2.4X2.4			
TA	□2.8X2.8			

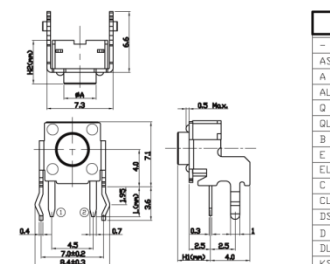
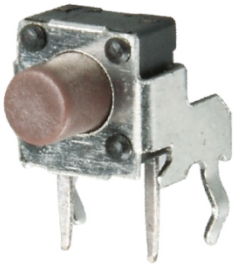
P.C.B MOUNTING PATTERN DIMENSION



CIRCUIT DIAGRAM



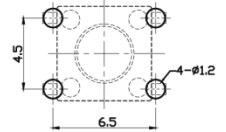
WIT-1102H-□ SERIES



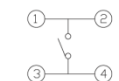
□	H1	H2	ΦA	L
-	3.15	4.3	3.5	3.3
AS	3.35	4.5	3.5	3.5
A	3.85	5.0	3.5	
AL	4.35	5.5	3.4	
Q	4.85	6.0	3.4	
QL	5.35	6.5	3.4	
B	5.85	7.0	3.4	
E	6.15	7.3	3.4	
EL	6.35	7.5	3.4	
C	6.85	8.0	3.4	
CL	7.35	8.5	3.4	
DS	7.85	9.0	3.4	
D	8.35	9.5	3.4	
DL	8.85	10.0	3.0	
KS	9.35	10.5	3.0	

□	H1	H2	ΦA	L
K	9.85	11.0	3.0	
KL	10.35	11.5	3.0	
FS	10.85	12.0	3.0	
F	11.35	12.5	3.0	
FL	11.85	13.0	3.0	
G	12.35	13.5	3.0	
D	12.85	14.0	3.0	
X	13.35	14.5	3.0	
Y	13.85	15.0	3.0	
Z	14.85	16.0	3.0	
J	15.15	16.3	3.0	
I	15.85	17.0	3.0	
T	□2.4X2.4			
TA	□2.8X2.8			

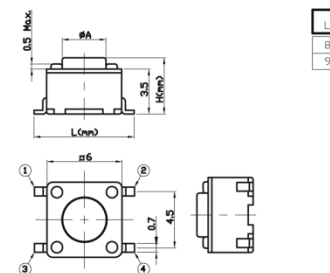
P.C.B MOUNTING PATTERN DIMENSION



CIRCUIT DIAGRAM



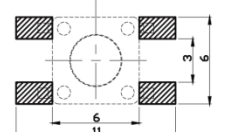
WIT-1102W-□ SERIES



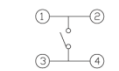
L	□	H	ΦA
8	-	4.3	3.5
9	AS	4.5	3.5
	A	5.0	3.5
	AL	5.5	3.4
	Q	6.0	3.4
	QL	6.5	3.4
	B	7.0	3.4
	E	7.3	3.4
	EL	7.5	3.4
	C	8.0	3.4
	CL	8.5	3.4
	DS	9.0	3.4
	D	9.5	3.4
	DL	10.0	3.0
	KS	10.5	3.0

L	□	H	ΦA
	K	11.0	3.0
	KL	11.5	3.0
	FS	12.0	3.0
	F	12.5	3.0
	FL	13.0	3.0
	G	13.5	3.0
	D	14.0	3.0
	X	14.5	3.0
	Y	15.0	3.0
	Z	16.0	3.0
	J	16.3	3.0
	I	17.0	3.0
	T	□2.4X2.4	
	TA	□2.8X2.8	

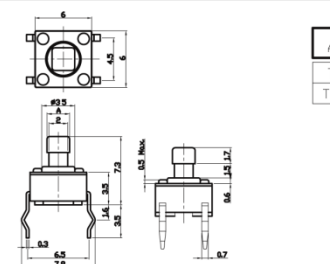
P.C.B MOUNTING PATTERN DIMENSION



CIRCUIT DIAGRAM

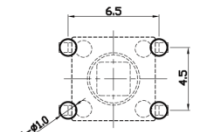


WIT-1102T-□ SERIES



A
T □2.4X2.4
TA □2.8X2.8

P.C.B MOUNTING PATTERN DIMENSION



CIRCUIT DIAGRAM

