

SPECIFICATIONS:

OPERATING TEMPERATURE: 10°C~ +60°C.
 AMBIENT HUMIDITY: 85%RH max.
 CONTACT ARRANGEMENT: S.P.S.T
 LED RATING: 50mA/12VDC Voltage 6V max,
 current 20mA max.
 CONTACT RESISTANCE: 100m-ohms max (initial).
 INSULATION RESISTANCE: 100M-ohms min.
 OPERATING FORCE: 250±50gf max.
 TOTAL TRAVEL: 0.30mm±0.10mm.
 OPERATING LIFE: 5,00,000 cycles min.
 SOLDERING: 260°C@ 3 seconds.

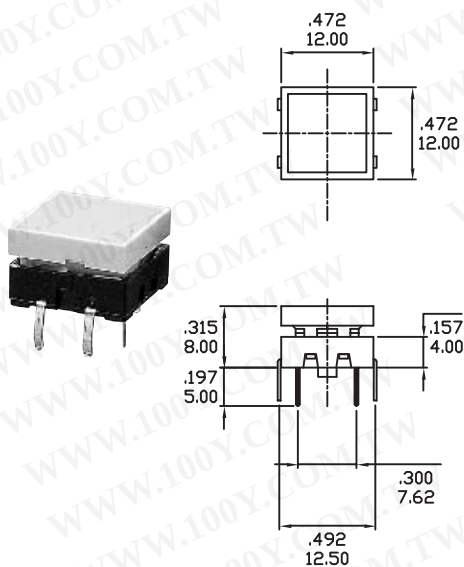
MATERIALS:

CAP: PC.
 COVER: PC.
 BASE: PA.
 HOUSING: PC.
 LAMP TERMINAL: PBS with Au plated.
 ACT DOME: PBS with Au plated.
 TERMINAL: Brass with Au plated.
 LED: Surface mount chip LED.

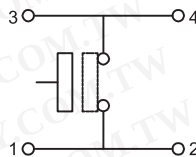
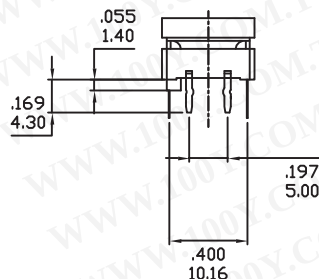
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Specifications and Dimensions subject to change

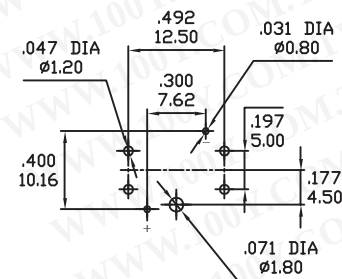
LP-12



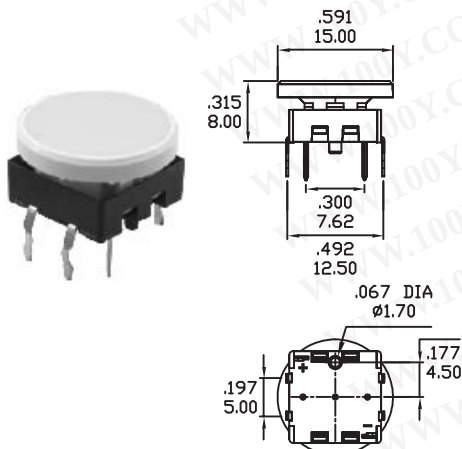
Contact Configuration



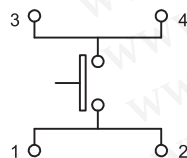
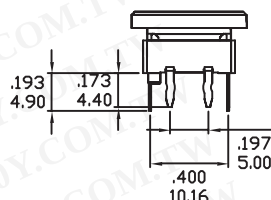
P.C.MOUNTING



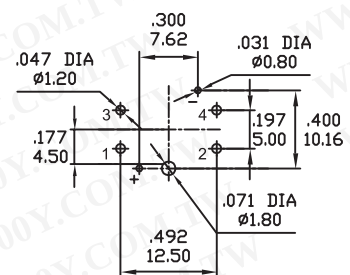
LP-12R



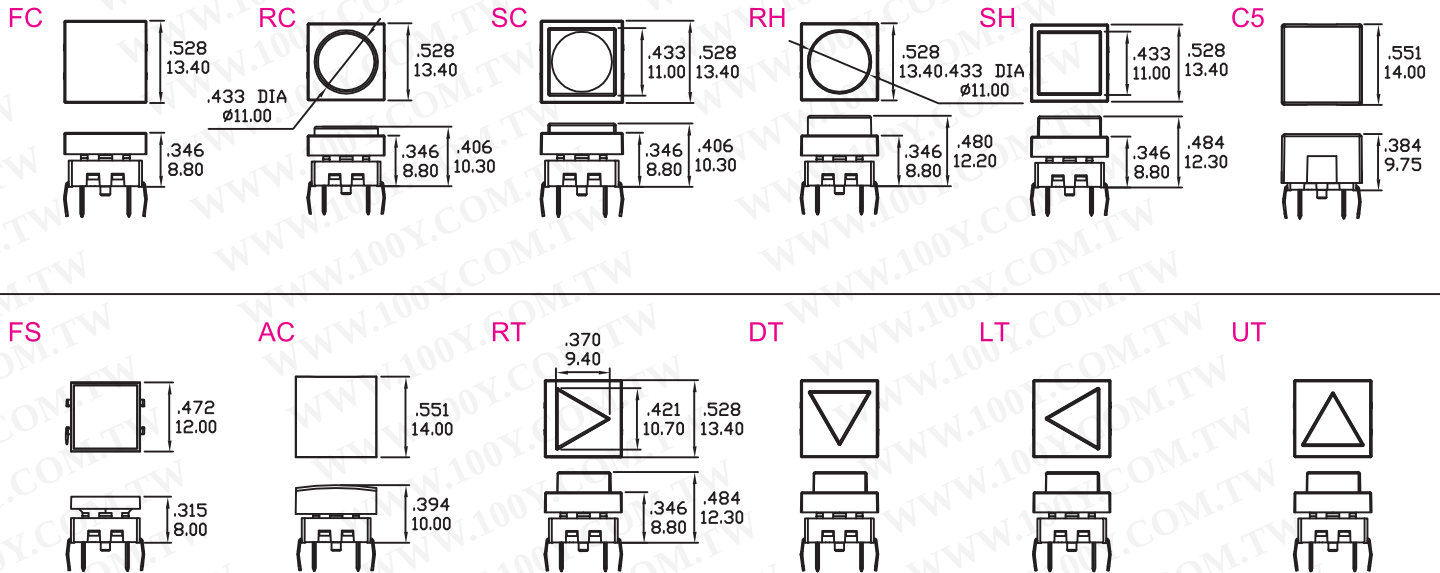
Contact Configuration



P.C.MOUNTING



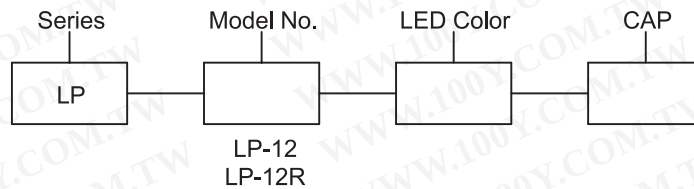
CAP OPTIONS



LED COLORS

Code	LED Color
R	Red
G	Green
Y	Yellow
B	Blue
W	White

HOW TO ORDER



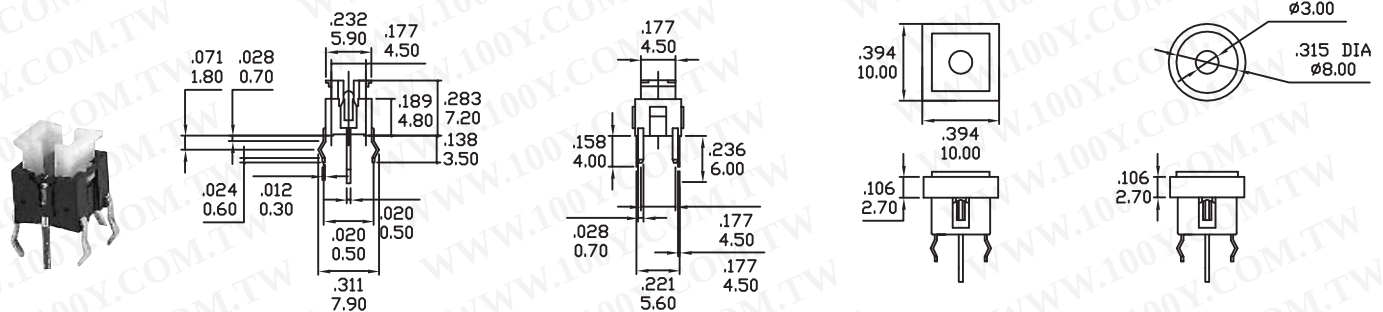
SPECIFICATIONS:

OPERATING TEMPERATURE: -20°C~ +70°C.
 AMBIENT HUMIDITY: 85%RH max.
 CONTACT ARRANGEMENT: S.P.S.T
 RATED VOLTAGE AND CURRENT:12VDC 50mA.
 LED RATING: 20mA 4V.
 CONTACT RESISTANCE: 100m-ohms max (initial).
 INSULATION RESISTANCE: 100M-ohms min.
 DIELECTRIC STRENGTH: 250VAC, 1 min.
 OPERATING FORCE: 200±50gf max.
 TOTAL TRAVEL: 0.25±0.1mm.
 OPERATING LIFE: 100,000 cycles min.
 MALFUNCTION DURABILITY: 10 to 55 Hz 0.75mm,
 double amplitude during 2 hrs.

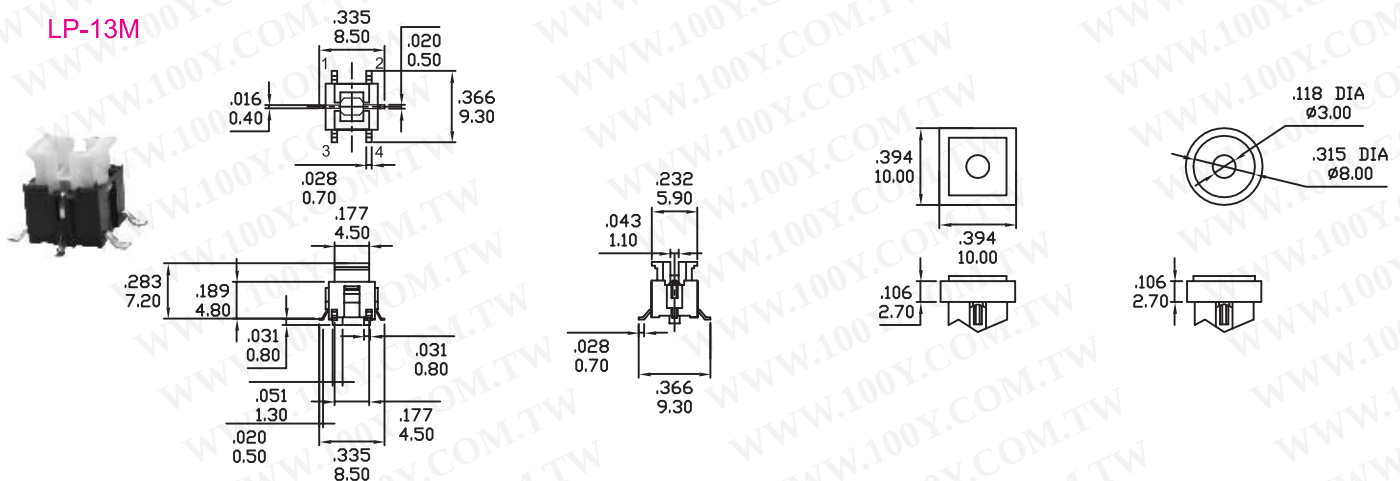
MATERIALS:

CAP: ABS.
 HOUSING: Nylon66+15%gf.
 BASE: PBT.
 MOVABLE BLADE: SUS S01 + AG.
 TERMINAL: Brass + AG.

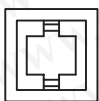
LP-13



LP-13M



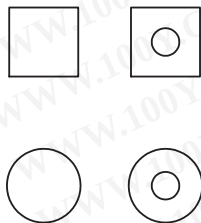
HOUSING & COLOR OPTIONS



Code	Housing Model
A	
B	
E	Without Housing

Code	Color
5	Gray
6	Black
0	Without Housing

CAP & COLOR OPTIONS



Code	CAP Model
A	Without LED
B	With LED
C	Without LED
D	With LED
E	Without LED

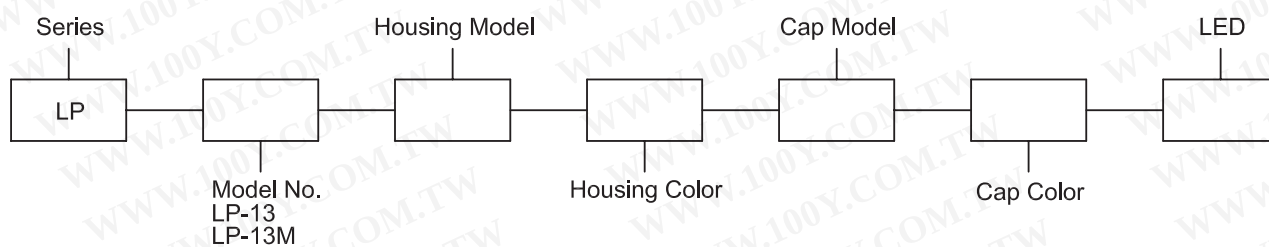
Code	Color
1	Red
2	Green
3	Orange
4	Ivory
5	Gray
6	Black
7	Blue
0	Without CAP

LED COLORS

Code	LED Color
1	Red
2	Green
3	Orange
0	Without LED

Code	LED Color
7	Blue
8	White

HOW TO ORDER



Series LP

Illuminated Pushbutton / Tact Switches

SPECIFICATIONS:

CONTACT RATING: 100mA 30VDC (LPA-M/A).
50mA 12VDC (LPA-T).
ELECTRICAL LIFE: 10,000 cycles (LPA-M/A).
800,000 cycles (LPA-T).
CONTACT RESISTANCE: 100m-ohms max (initial).
INSULATION RESISTANCE: 500VDC 100M-ohms min.
OPERATING TEMPERATURE: 10°C ~ +60°C.
OPERATING FORCE: 200±80gf max. (LPA-M/A).
180±50gf max. (LPA-T).
TOTAL TRAVEL: 2.50mm max. lock 1.50mm (LPA-M/A).
0.30mm±0.20mm (LPA-T).
CIRCUIT: DPDT (LPA-M/A), SPST (LPA-T).

MATERIALS:

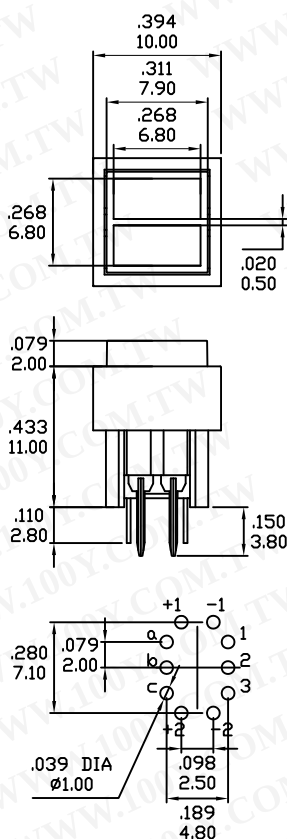
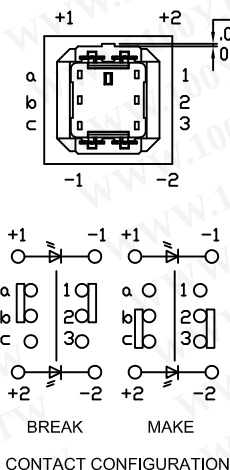
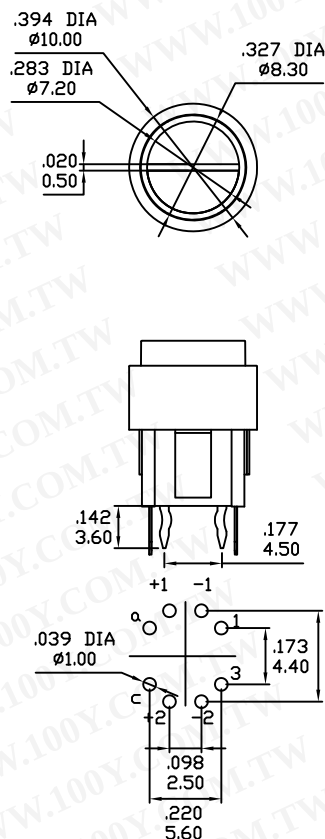
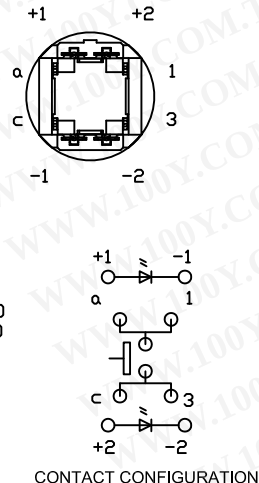
CAP: PC or ABS.
CAP LENS: PC.
HOUSING: PA.
CONTACT: PBS Ag plated (LPA-M/A).
ACT DOME: SUS with Ag plating (LPA-T).
LED TERMINAL: PBS with Au plated.
TERMINAL: Brass Ag plated.

Specifications and Dimensions subject to change

LPA-M MOMENTARY

LPA-T TACTILE

LPA-A ALTERNATE



Drawing Scale: 2 / 1

HOUSING & COLOR OPTIONS

Code	Housing Model
A	Square
B	Round

Series LP

Illuminated Pushbutton / Tact Switches

CAP & COLOR OPTIONS

Code	CAP Model	
F		With LED
G		With LED

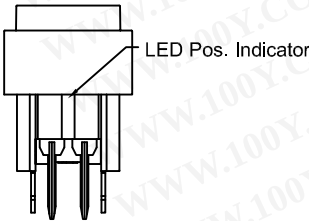
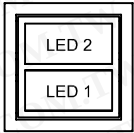
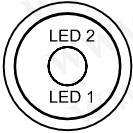
Code	Color
6	Black
7	White

For CAP B & CAP D only

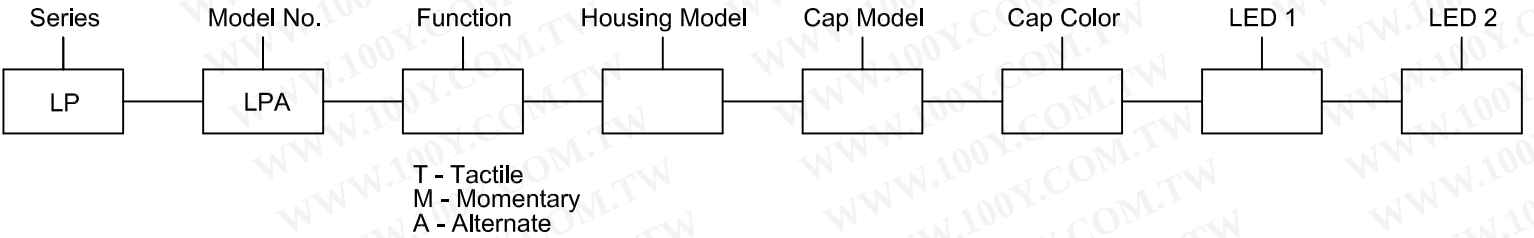
LED COLORS

Code	LED Color
R	Red
G	Green
Y	Yellow
B	Blue
W	White

Code	LED Color
0	Without LED



HOW TO ORDER

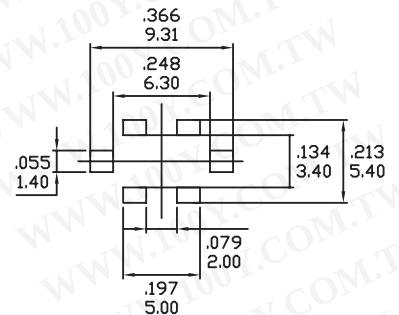


MATERIALS:

COVER: PA9T + GF.
ACTUATOR: LCP + GF.
BASE FRAME: LCP + GF.
TERMINAL: Silver plating.

Specifications and Dimensions subject to change

SURFACE MOUNTING



Code	LED Color
0	Without LED

U - Ultra LED Brightness