TPDD Series
LED TACT SWITCH

台普 ROCPU

FEATURES

- Kinds of structure and colour for fixed-stand and cover.
- Can choose any colour LED.
- Assemble ways:DIP andSMD.
- Button and tact type,feeling and rhythm are perfect.
- Button have Spray-paint、Plate、Lettering、Enchase 。
- Can design the outer assembling structure parts according to customer"s requirements

IMPORT PURPOSE

This product volume small, it is mainly used for digital camera camera, recorder, industrial equipment, household appliances, communications and consumer lights, medical machinery, mobile phone/TV /radio, VCD, DVD, instrument, high-end toys, remote control, small appliances, communication products and computer peripheral products, has extensive USES, production technology is mature, is very stable performance, very competitive advantage.

SPECIFICATIONS

Environment temperature: -25℃~+85℃
Relative Humidity: (40℃)≤80%
Rating:DC12V. 50mA
Contact Resistance :≤100mΩ
Insulation Resistance: ≥100MΩ DC250V/1Min
Dielectric Strength : AC250V(50Hz for 1minute)
Electrically Life:100,000Cycles
Travel:0.25±0.1mm
Operating Force:160±50gf
Mechanical Life:100,000Cycles








Third Angle Projection

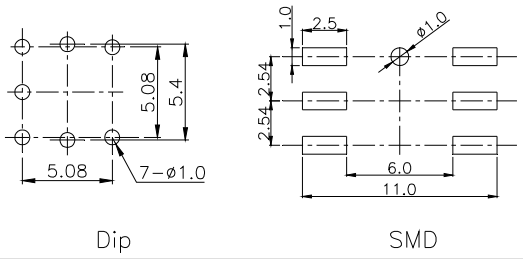
Dimensions are shown: mm
Specifications and dimensions subject to change

ROCPU 台普 ®

■ LED SPECIFICATIONS

Color	V_R	I_F	Recommended Operating Current	V_F	
				Nom.	Max.
Red	DC 5V	20 mA	20 mA	1.7 V	2.3 V
Green	DC 5V	20 mA	20 mA	1.9 V	2.5 V
Yellow	DC 5V	20 mA	20 mA	1.9 V	2.5 V
Blue	DC 5V	20 mA	20 mA	3.0 V	3.6 V
White	DC 5V	20 mA	20 mA	3.0 V	3.6 V

P.C.B LAYOUT



Dip SMD

CIRCUIT



Single Both

■ PART NUMBERING SYSTEM

TPB01
TPC01 - [ ] [ ] [ ] [ ] [ ] [ ] [ ] - R

Basic Switch

1	Square
2	Bugle form
3	Bugle form

FRAMED TYPE

0	No Item
1	
2	
3	
4	

COVER TYPE

0	No Item
1	□ 7.5
2	⊡ 7.5
3	○ 7.5
4	⊙ 7.5
5	□ 10.0
6	⊡ 10.0
7	○ 10.0
8	⊙ 10.0
9	4.5

FUNCTION

Non-Illuminated	
N	Standard type
M	SMT type
Illuminated	
L	Standard type
ML	SMT type

LED COLOR

0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

CAP COLOR

B	BLACK
T	TRANSPARENT
W	WHITE
S	SILVER
G	GARY
R	RED
0	OTHER

CAP Mark

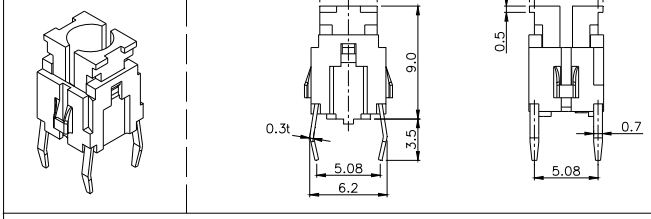
1	NO
2	⏻
3	⇐
4	−
5	+
6	OK
7	◎
8	R
9	⊜
10	POWER
11	START
12	
13	Menu
14	OFF
15	Enter
16	1~10

Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

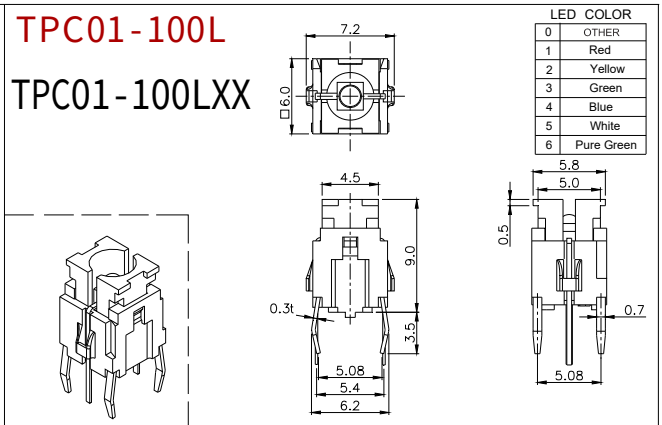
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TPC01-100N



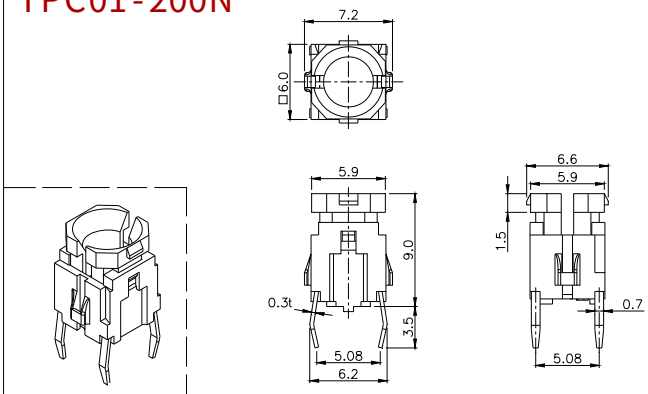
TPC01-100L

TPC01-100LXX

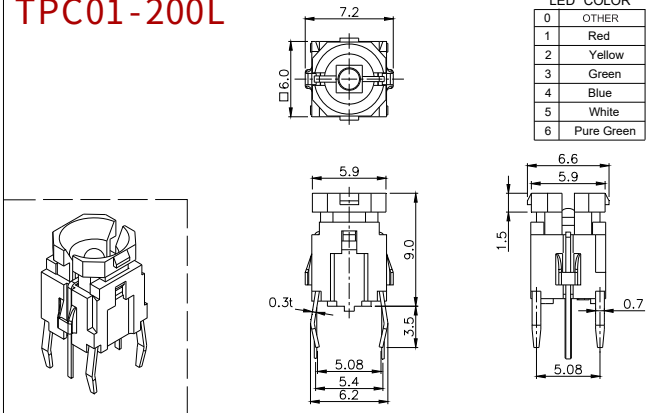


LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC01-200N

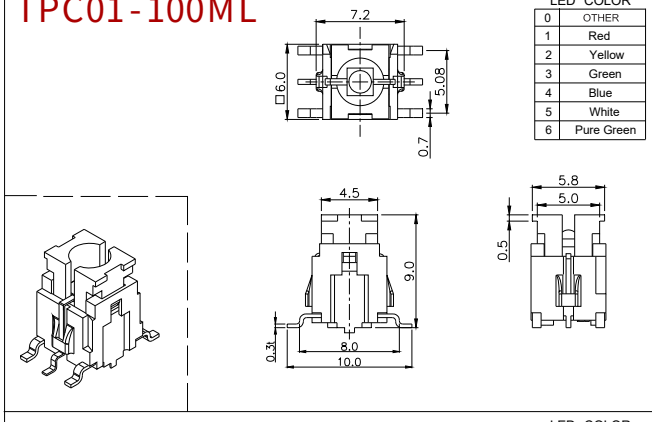


TPC01-200L



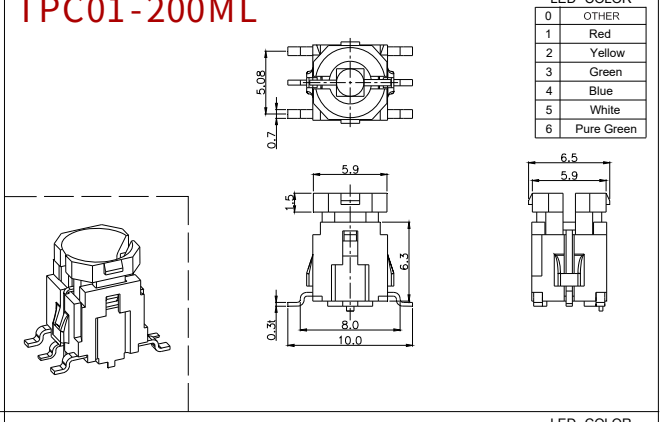
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC01-100ML



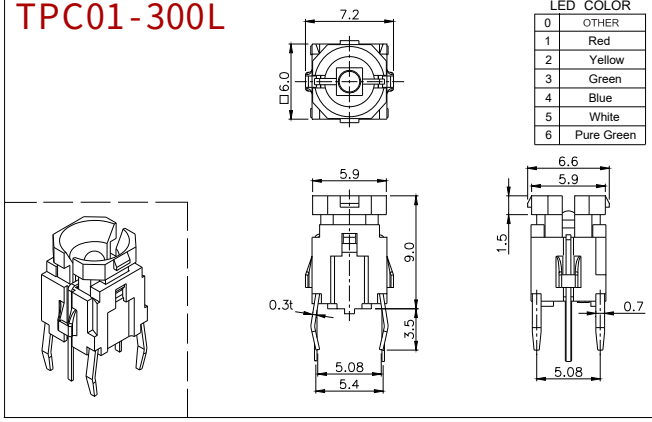
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC01-200ML



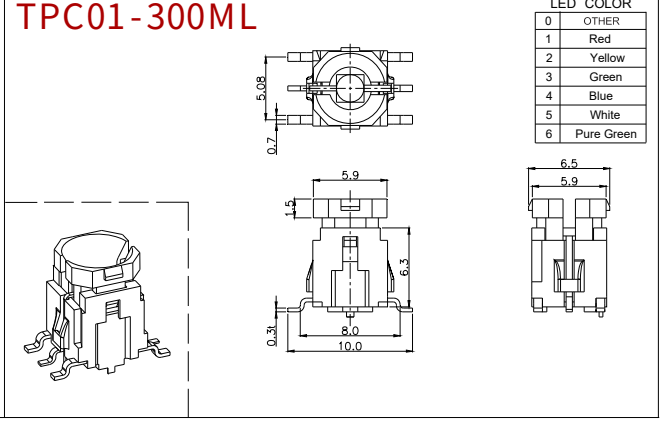
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC01-300L



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC01-300ML



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

Third Angle Projection

Dimensions are shown: mm
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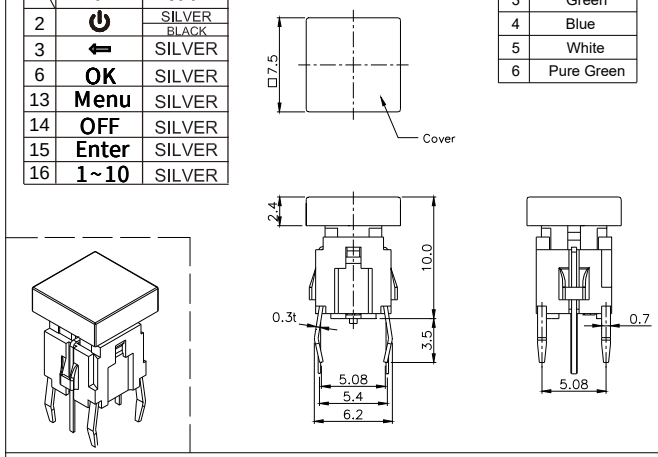
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TPB01-101LXXX

Note :

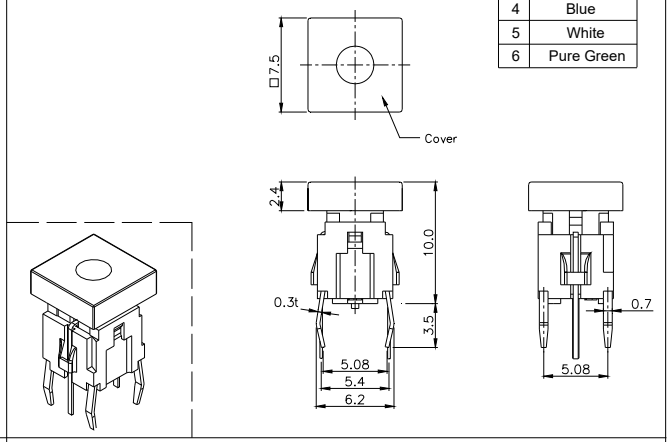
	CAP	
	Mark	Color
2	⏻	SILVER / BLACK
3	⇐	SILVER
6	OK	SILVER
13	Menu	SILVER
14	OFF	SILVER
15	Enter	SILVER
16	1~10	SILVER

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-102LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

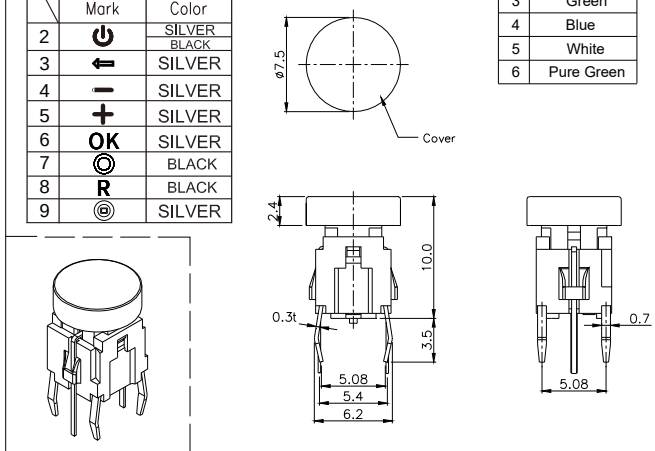


TPB01-103LXXX

Note :

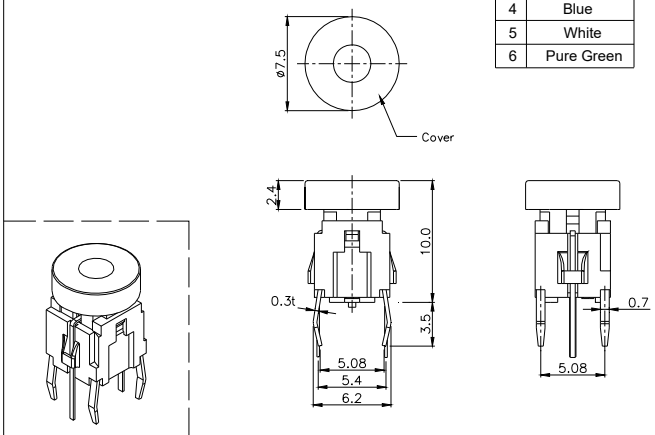
	CAP	
	Mark	Color
2	⏻	SILVER / BLACK
3	⇐	SILVER
4	−	SILVER
5	+	SILVER
6	OK	SILVER
7	◎	BLACK
8	R	BLACK
9	◎	SILVER

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



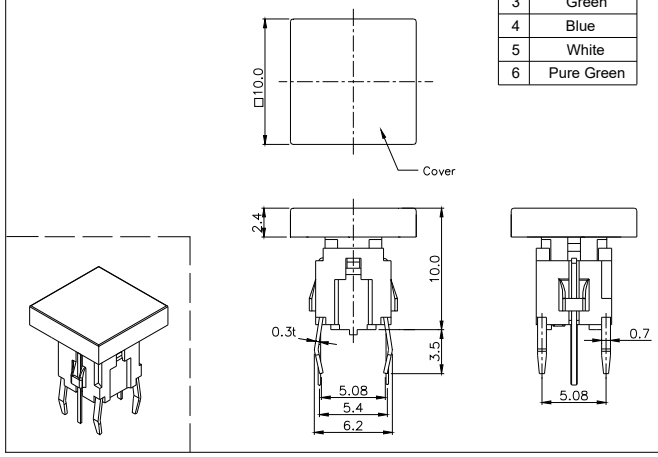
TPB01-104LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



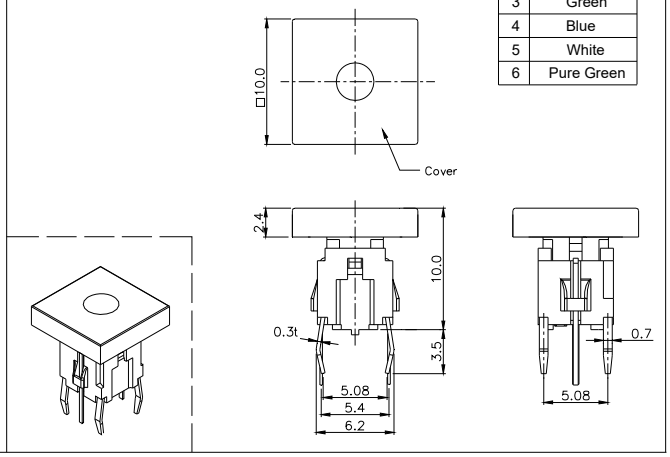
TPB01-105LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-106LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



Third Angle Projection

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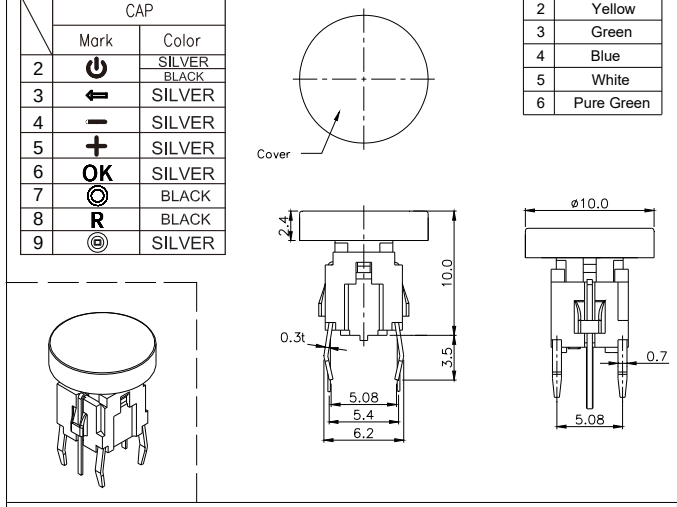
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TPB01-107LXXX

Note：

	CAP	
	Mark	Color
2	⏻	SILVER / BLACK
3	⇦	SILVER
4	—	SILVER
5	+	SILVER
6	OK	SILVER
7	◎	BLACK
8	R	BLACK
9	◎	SILVER

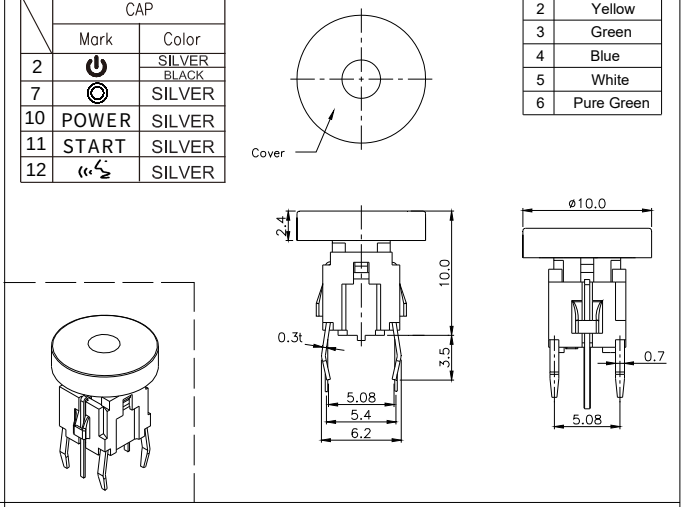
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-108LXXX

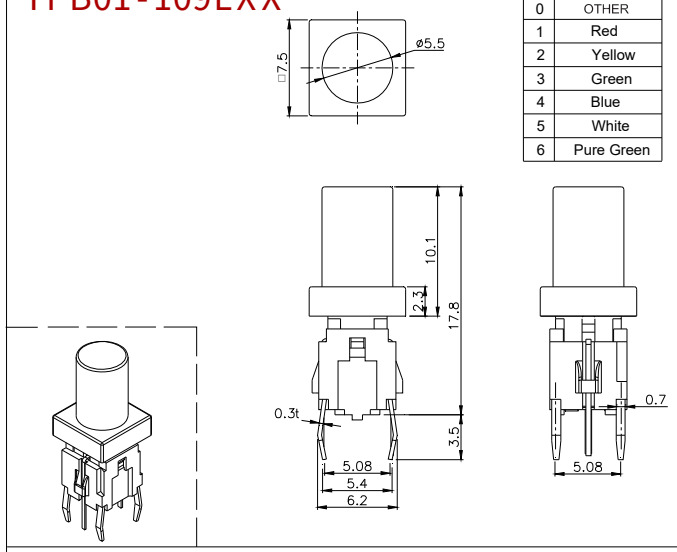
	CAP	
	Mark	Color
2	⏻	SILVER / BLACK
7	◎	SILVER
10	POWER	SILVER
11	START	SILVER
12	(( ))	SILVER

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



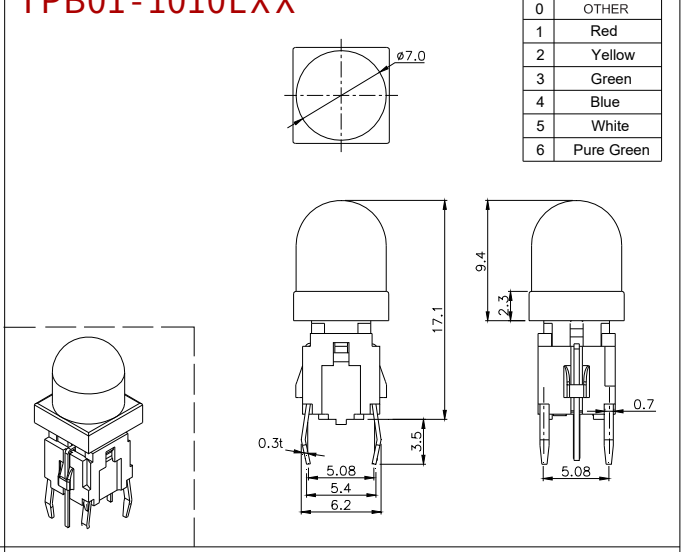
TPB01-109LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-1010LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

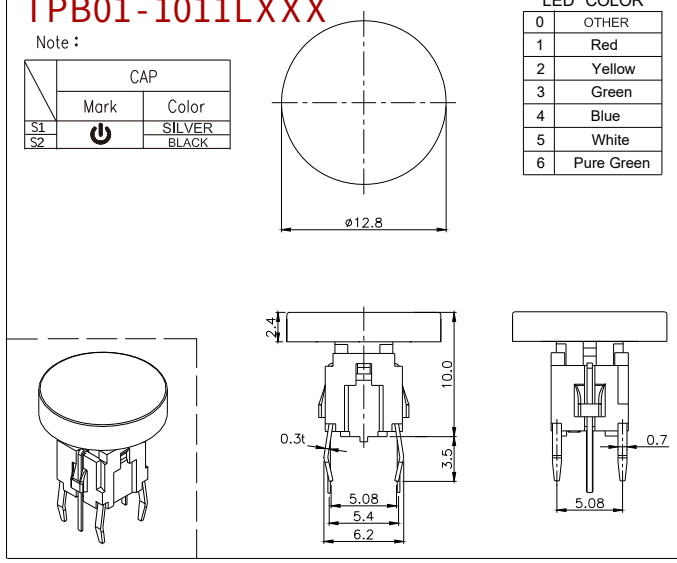


TPB01-1011LXXX

Note：

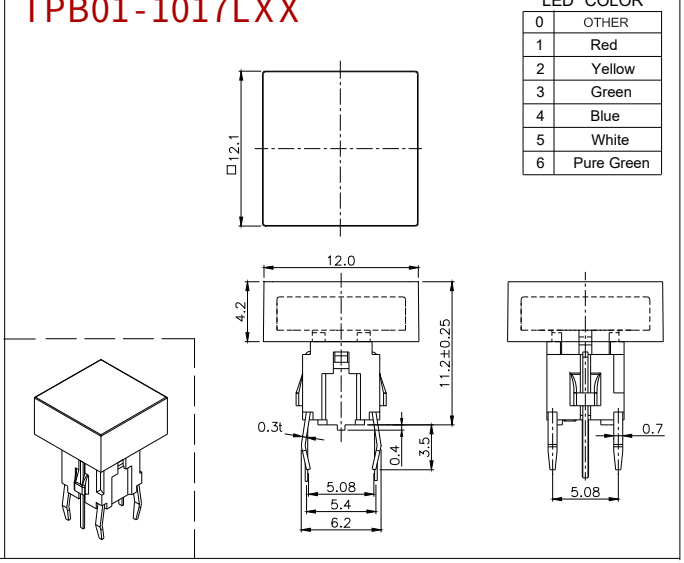
	CAP	
	Mark	Color
S1	⏻	SILVER
S2		BLACK

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-1017LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



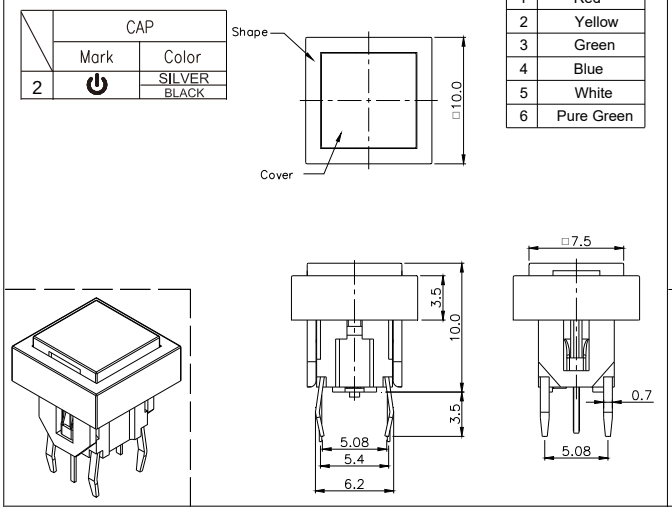
Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

TPB01-111LXXX

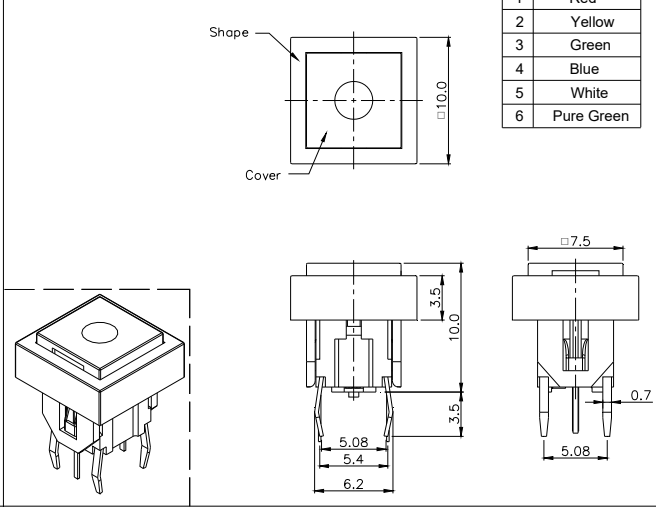
	CAP	
	Mark	Color
2	⏻	SILVER BLACK

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-112LXX

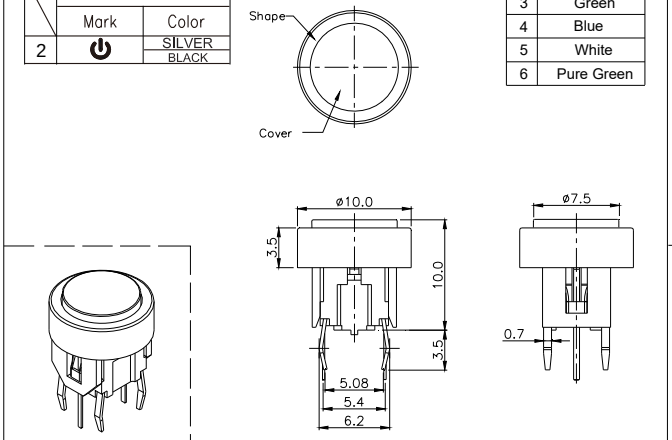
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-123LXXX

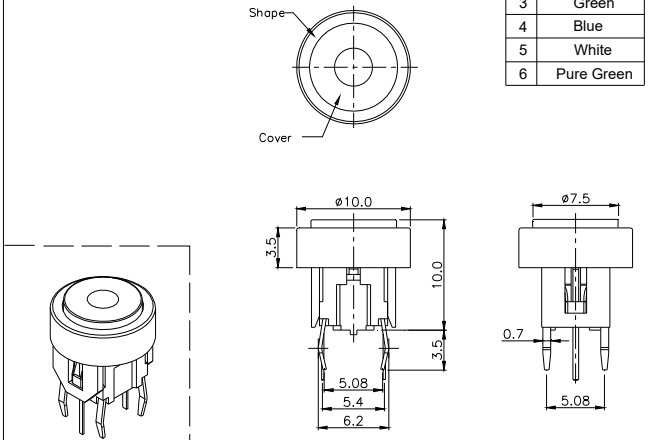
	CAP	
	Mark	Color
2	⏻	SILVER BLACK

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



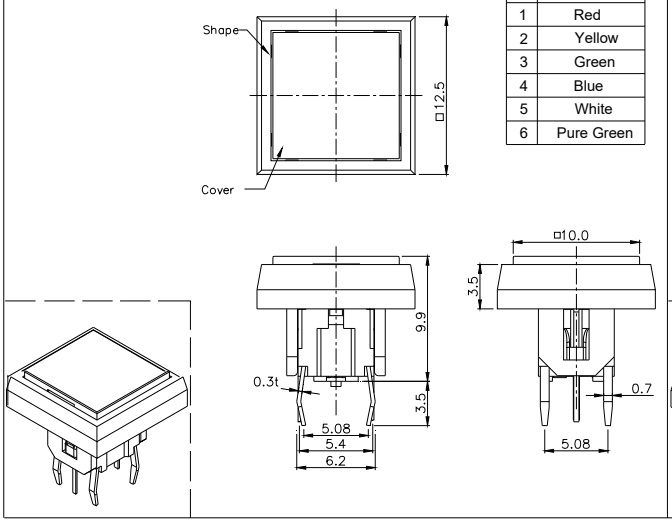
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LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



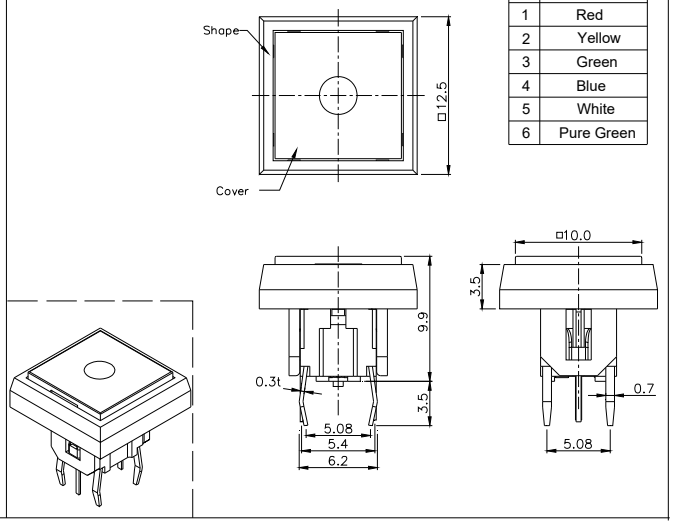
TPB01-155LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-156LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



Third Angle Projection

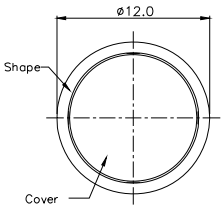
Dimensions are shown: mm
Specifications and dimensions subject to change

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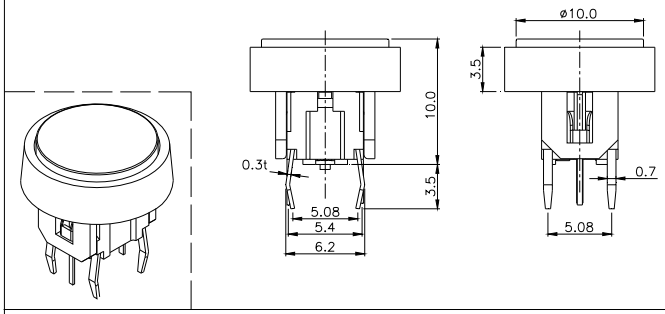
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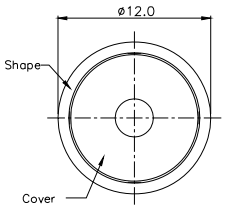
	CAP	
	Mark	Color
2	⏻	SILVER BLACK



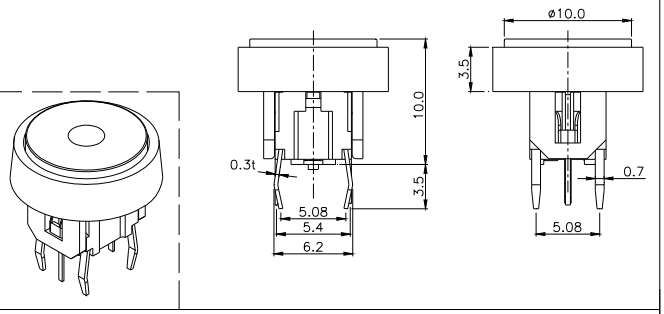
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



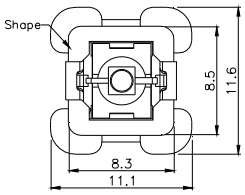
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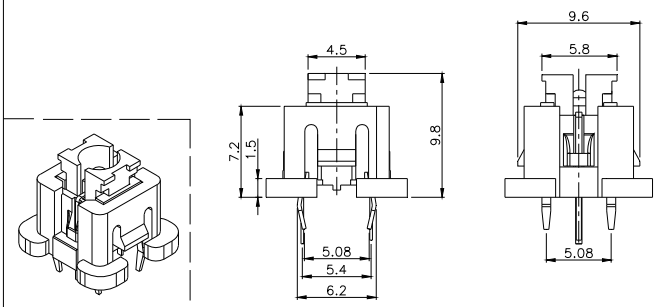
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



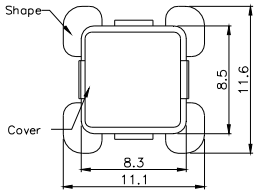
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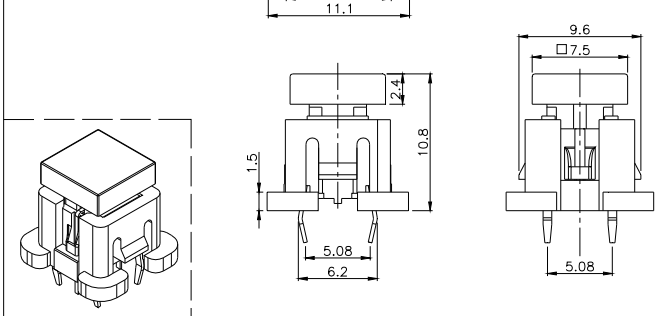
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



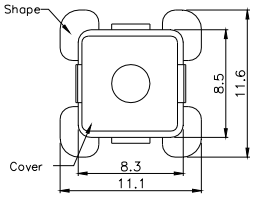
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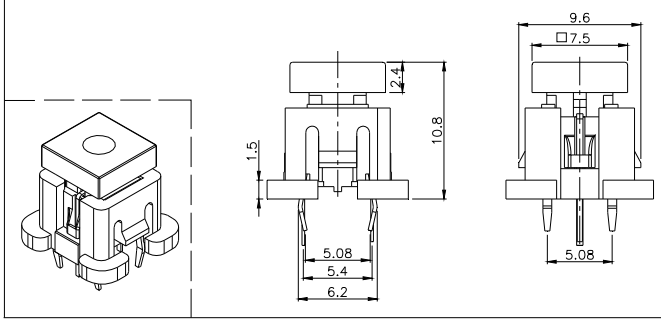
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-142LXX



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

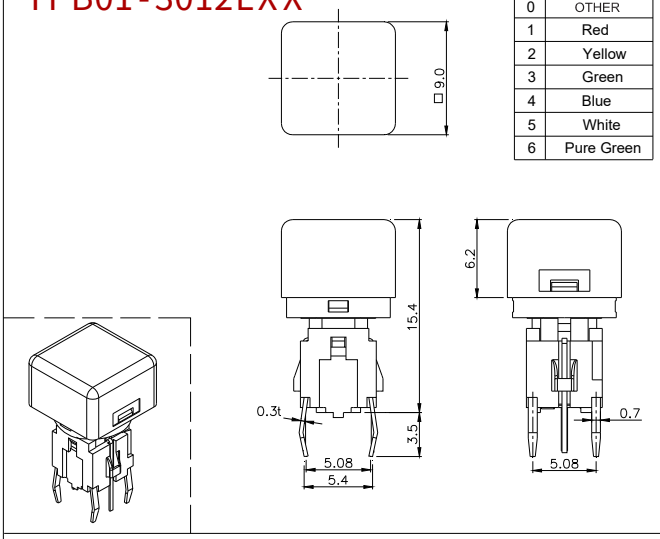


Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

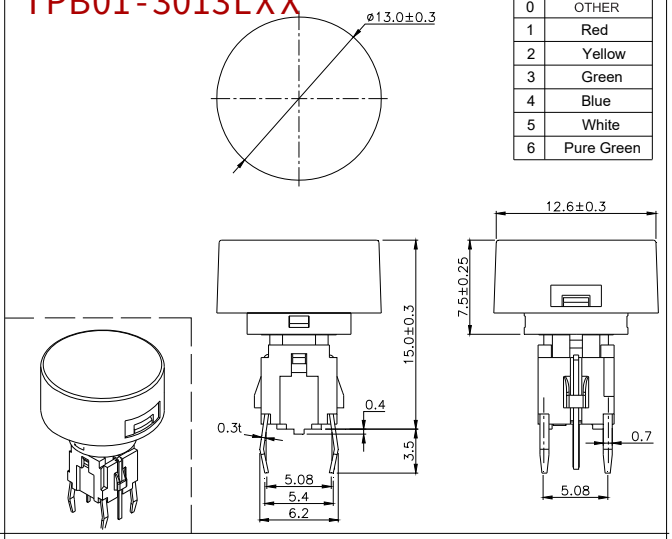
TPB01-3012LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



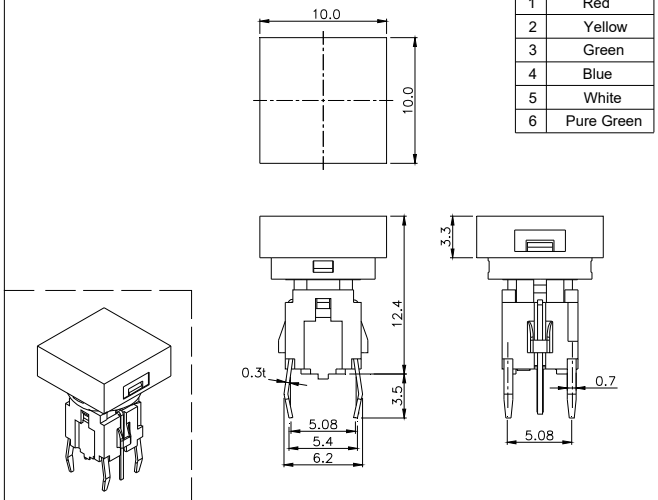
TPB01-3013LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



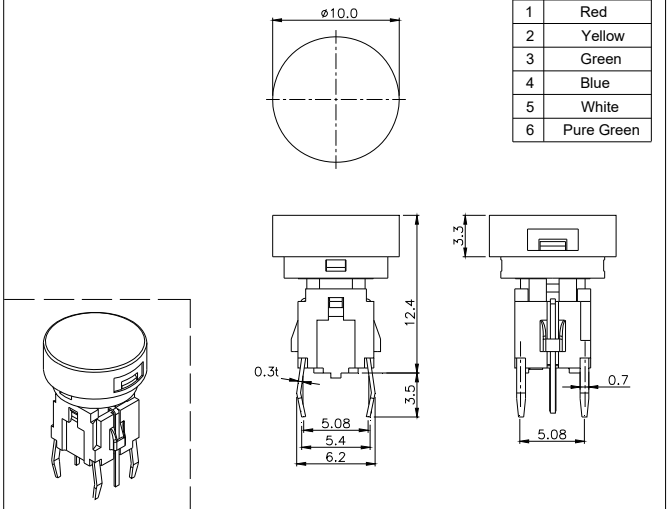
TPB01-3014LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



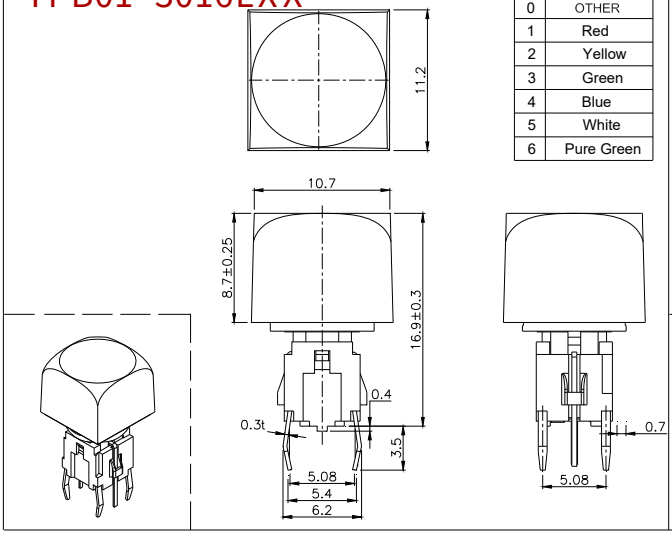
TPB01-3015LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



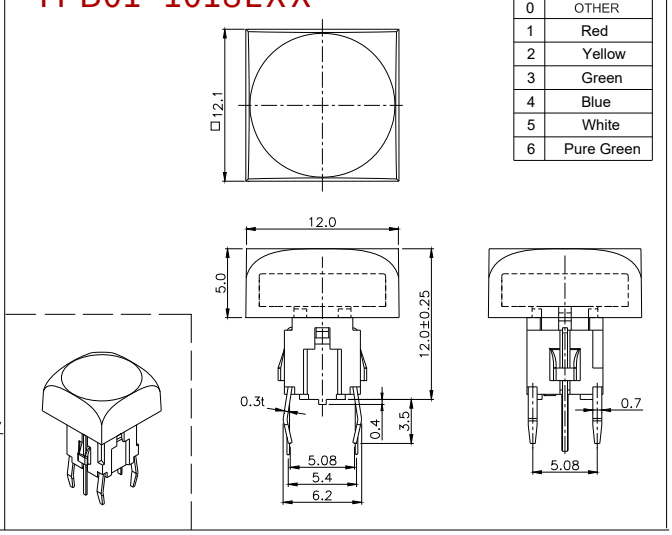
TPB01-3016LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



TPB01-1018LXX

LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green



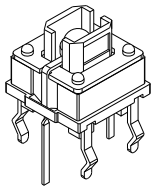
Third Angle Projection

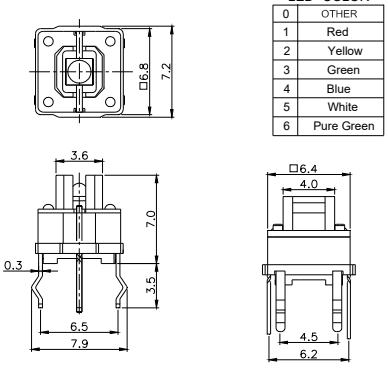
Dimensions are shown: mm
Specifications and dimensions subject to change

TPDD Series
LED TACT SWITCH

台普 ROCPU ®

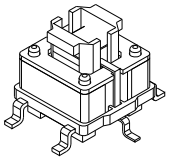
TPC01-100LX

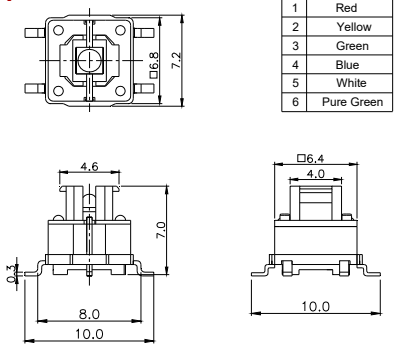




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

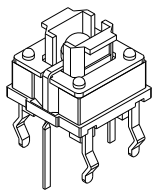
TPC01-200MLX

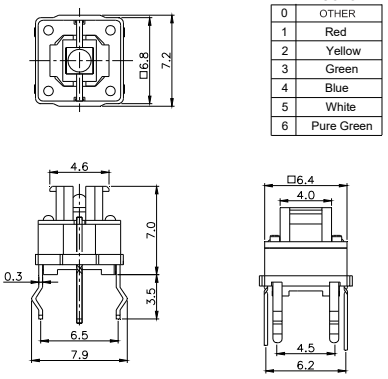




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

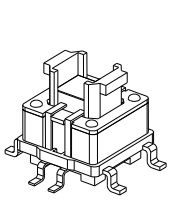
TPC02-200LX

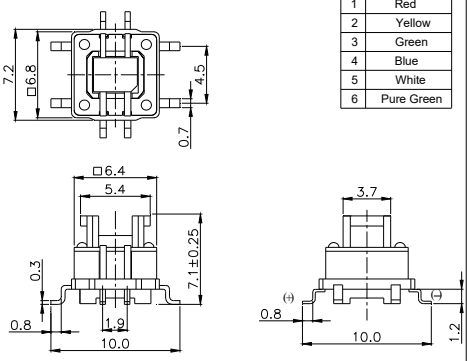




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

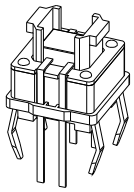
TPC02-300ML

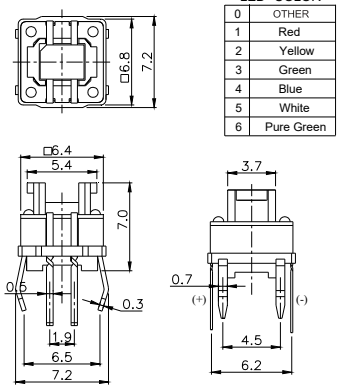




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

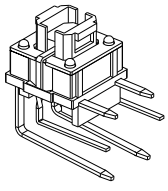
TPC02-300LX

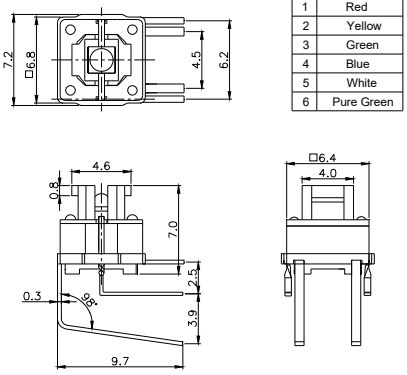




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

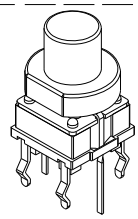
TPC02-200LX-R

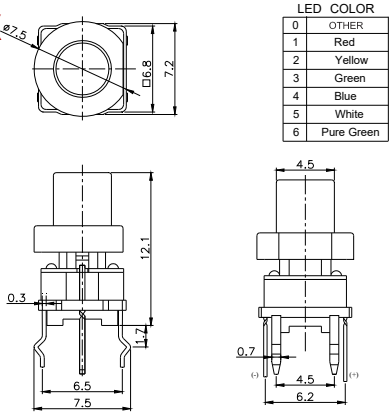




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

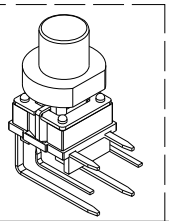
TPB02-201LXX

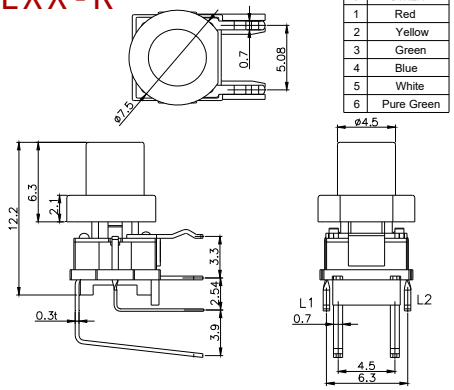




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC02-209LXX-R





LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

Third Angle Projection

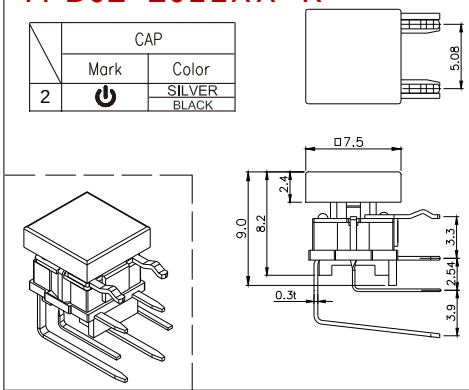
Dimensions are shown: mm

Specifications and dimensions subject to change

ROCPU 台普 ®

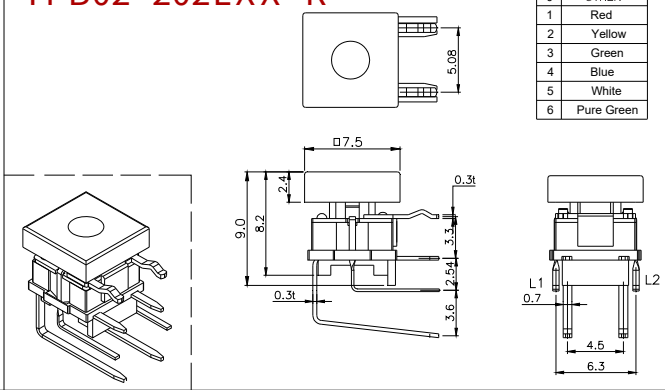
TPB02-201LXX-R

	CAP	
	Mark	Color
2	⏻	SILVER BLACK



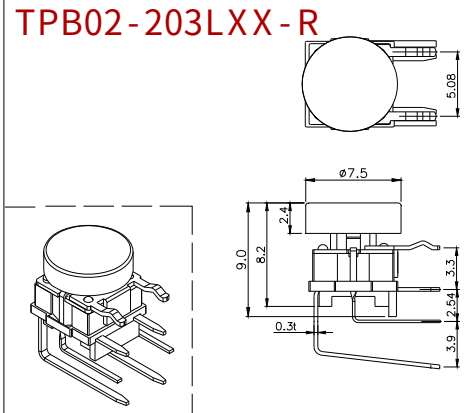
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB02-202LXX-R



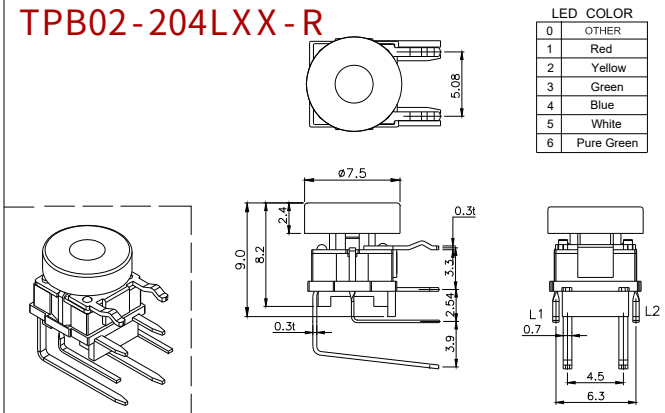
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB02-203LXX-R



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

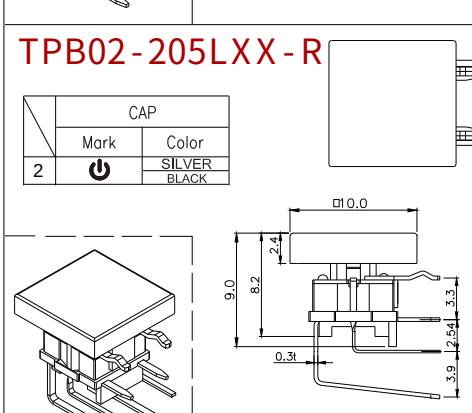
TPB02-204LXX-R



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

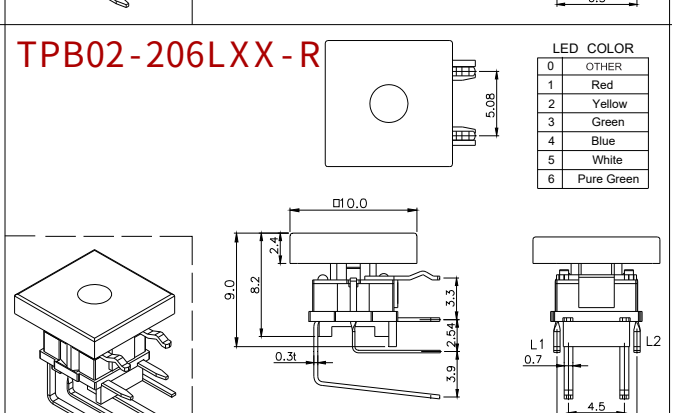
TPB02-205LXX-R

	CAP	
	Mark	Color
2	⏻	SILVER BLACK



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

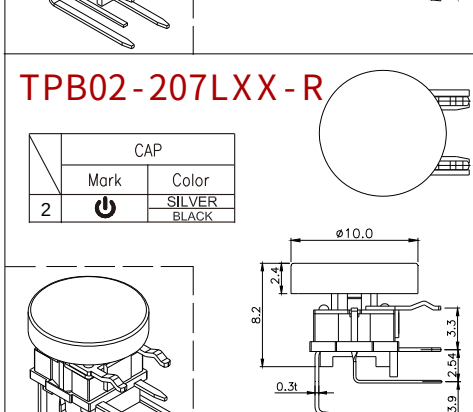
TPB02-206LXX-R



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

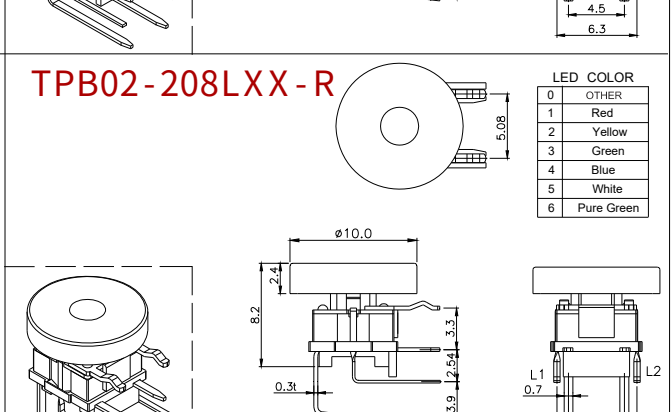
TPB02-207LXX-R

	CAP	
	Mark	Color
2	⏻	SILVER BLACK



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB02-208LXX-R



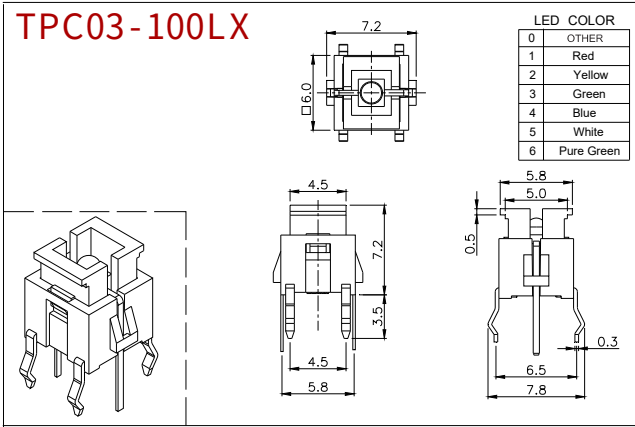
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

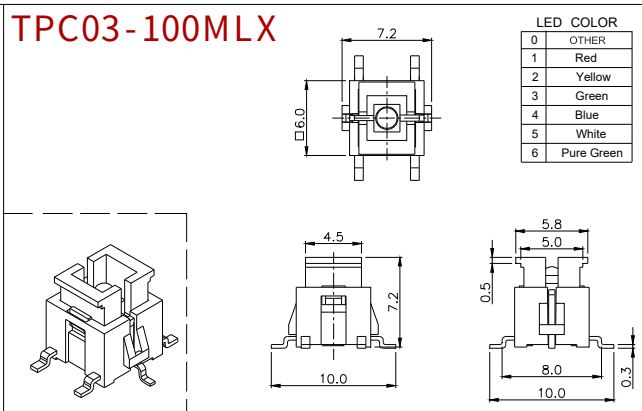
ROCPU 台普 ®

TPC03-100LX



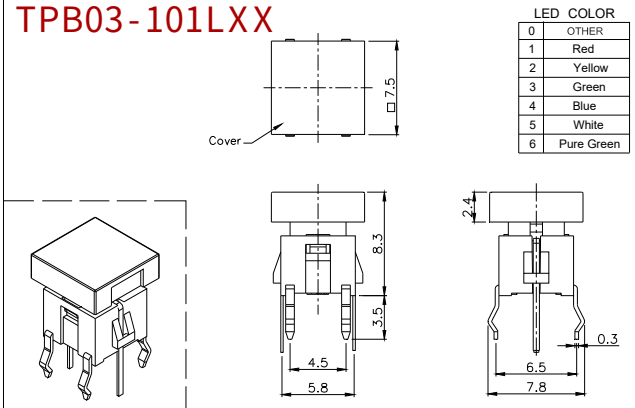
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPC03-100MLX



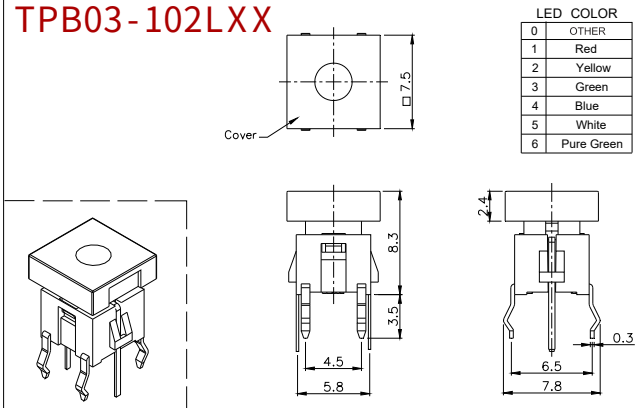
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-101LXX



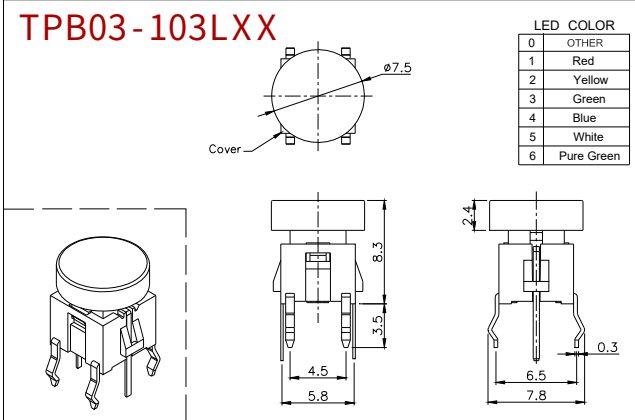
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-102LXX



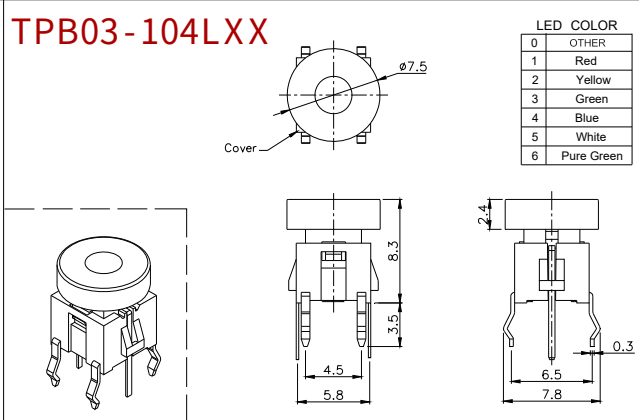
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-103LXX



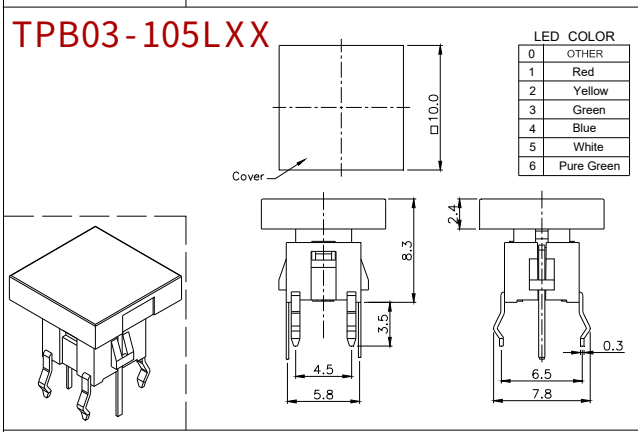
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-104LXX



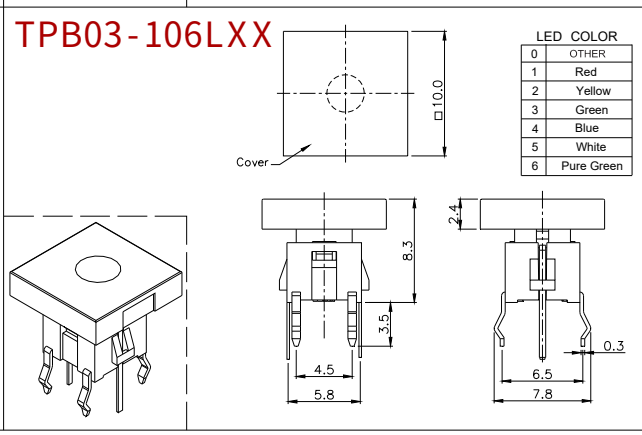
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-105LXX



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-106LXX



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

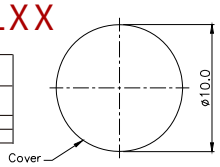
Third Angle Projection

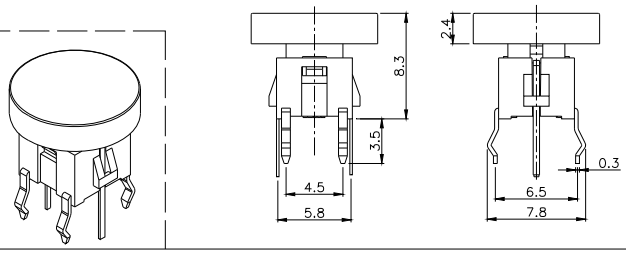
Dimensions are shown: mm
Specifications and dimensions subject to change

台普 ROCPU ®

TPB03-107LXX

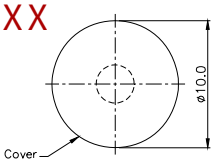
	CAP	
	Mark	Color
2	⏻	SILVER BLACK

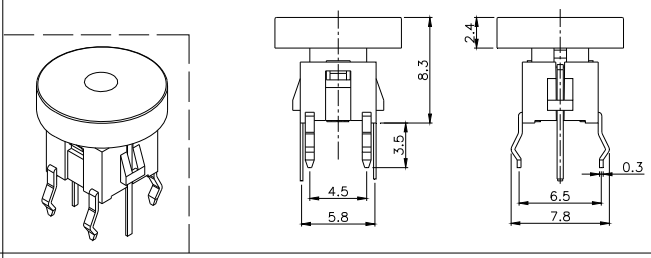




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

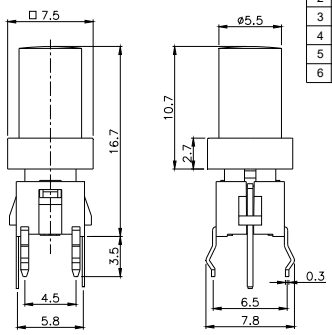
TPB03-108LXX





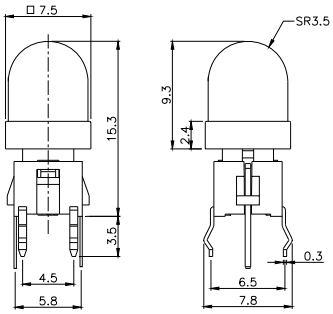
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-109LXX



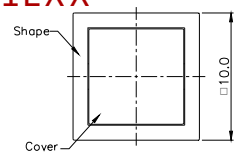
LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

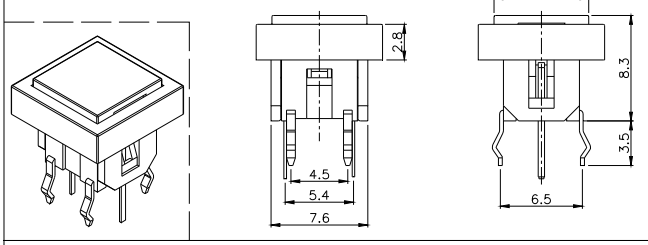
TPB03-1010LXX



LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

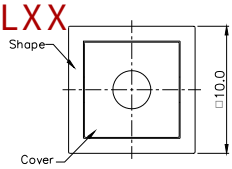
TPC03-111LXX

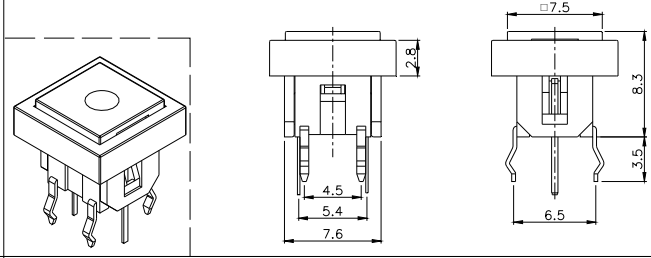




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

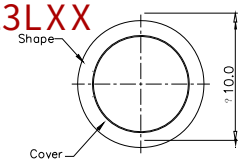
TPB03-112LXX

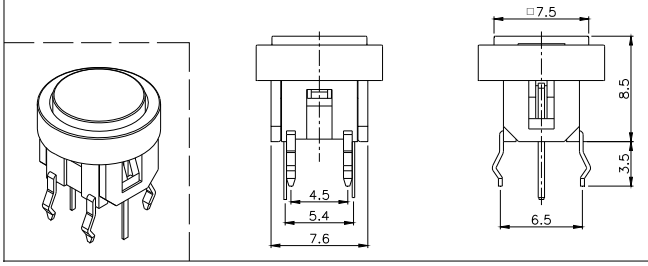




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

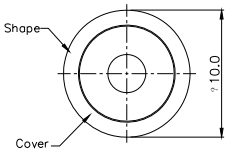
TPB03-123LXX

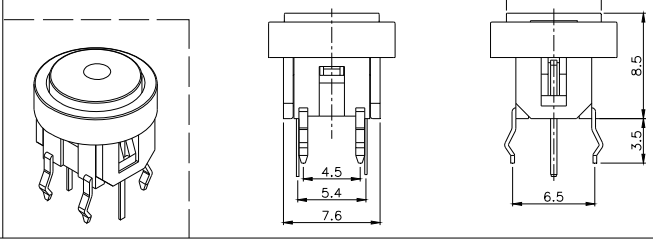




LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

TPB03-124LXX





LED COLOR	
0	OTHER
1	Red
2	Yellow
3	Green
4	Blue
5	White
6	Pure Green

Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change