

PRELIMINARY

I L S

T

SMTR

LFS

T Top Actuated

Actuator Style

A 7.2 mm height

Force

180 180 gf

250 250 gf

LED Color

10 Red

30 Yellow Green

40 Blue

50 White

60 Green




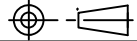

23 Yellow/Green

RoHS compliant and compatible

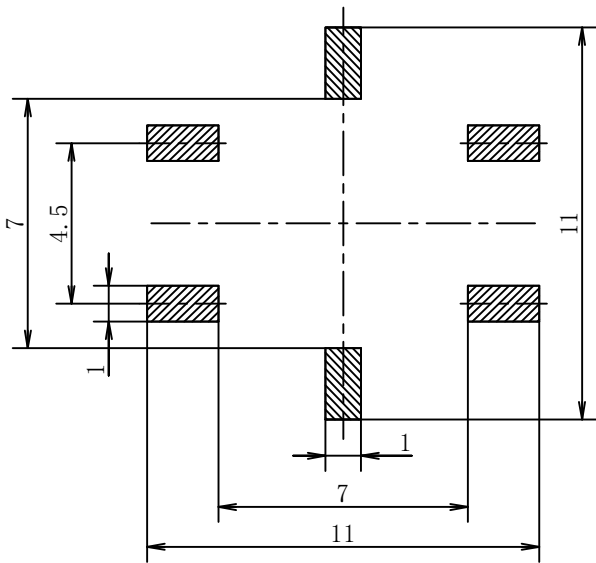
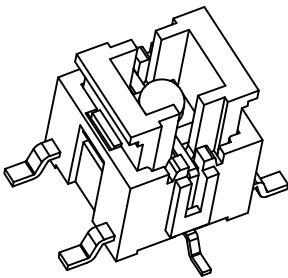
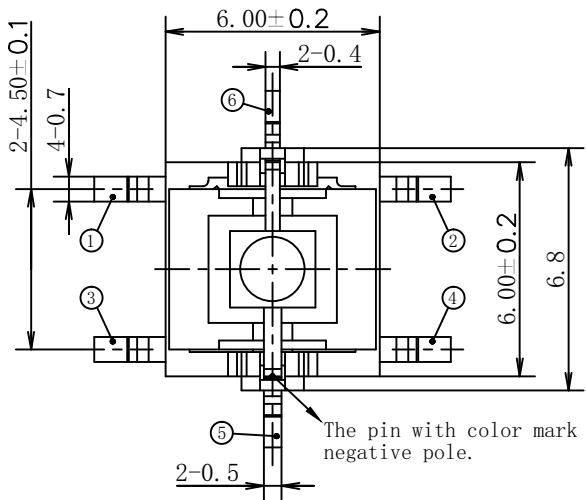
Insertion type

SMTR Surface mount, tape & reel

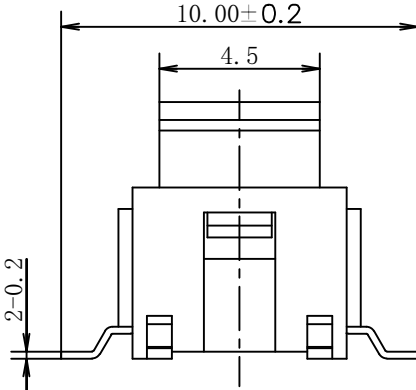
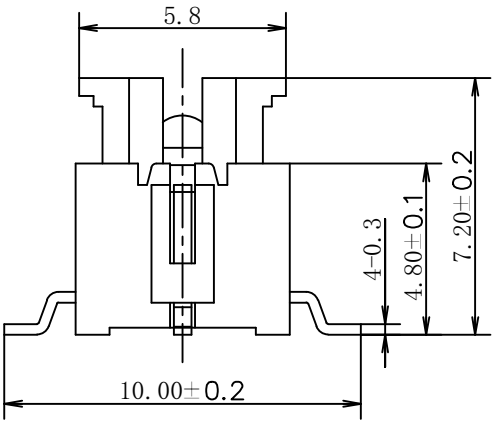
P01	N/A	STUDY	Cube Hu	2021/07/14
REV.	ECR/O RO NO.	Description	SIGNATURE	DATE

CREATED BY Cube Hu	DATE 2021/07/14	CRITICAL CHARACTERISTICS (CC) : VARIATION COULD AFFECT PRODUCT SAFETY OR COMPLIANCE WITH GOVERNMENT REGULATIONS		SURFACE FINISH	
APPROVED BY 	DATE 2021/07/14	SIGNIFICANT CHARACTERISTICS (SC) : VARIATION COULD AFFECT FUNCTION OR SATISFACTION OF CUSTOMER REQUIREMENTS		LINEAR TOLERANCE	
DESCRIPTION ILSTAXXXXXSMTR LFS		PROTECTION 		ANGULAR TOLERANCE	
		STATE			
		SCALE 1/1		SIZE A3	SHEET 1/4
		REPLACE :			
			G00988933		REV. P01

PRELIMINARY



P. C. B LAND DIMENSION



Tolerance Otherwise Specified	
$L \leq 4$	$\pm 0.2$
$4 < L \leq 16$	$\pm 0.3$
$16 < L \leq 63$	$\pm 0.4$
Angle	$\pm 0.5^\circ$

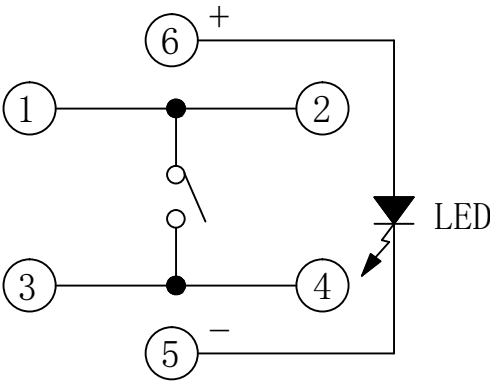
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		SCALE 1/1		SIZE A3
REPLACE :			HUIZHOU	REV. P01
G00988933				

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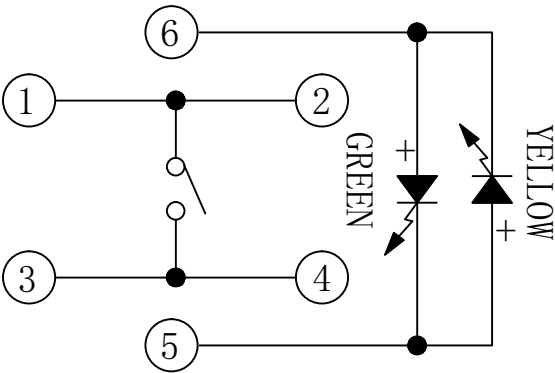
PRELIMINARY

SINGLE LED





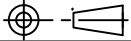

CIRCUIT DIAGRAM

DUAL LED



CIRCUIT DIAGRAM

P01	N/A	STUDY	Cube Hu	2021/07/14
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

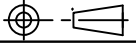

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		REPLACE :	HUZHOU	
G00988933			REV.	P01

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STANDARD LED COLOR OPTIONS

LED Parameter	Symbol	Condition	UNITS	RED (10)	YELLOW GREEN (30)	BLUE (40)	WHITE (50)	GREEN (60)	YELLOW/GREEN (23)
Power Dissipation	Pd	-	mW	52	60	120	18	120	60
Forward Current	IF	-	mA	20	20	30	5	30	20
Peak Forward Current *1	IFP	-	mA	100	100	100	100	100	100
Reverse Volage	VR	-	V	5	5	5	5	5	5
Operating Temperature	Topr	-	-	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃
Storage Temperature	Tstg	-	-	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃
Forward Voltage	Vf	F=5mA	V	2.6 Max	2.3 Max	3.2 Max	3.6 Max	3.4 Max	2.3 Max
Luminous Intensity	Iv	F=5mA	mcd	140 Min	100 Min	63 Min	94 Min	1000 Min	300 Min
Reverse Current	IR	F=5mA	μ A	100 Max	-	-	1 Max	-	-
Peak Wave Length	λ p	F=5mA	nm	644	570	460	-	521.5	570
Dominant Wave Length	λ d	F=5mA	nm	620 Min	567-573	465-470	-	515-525	567-573
Spectral Line Half-width	Δ λ	F=5mA	nm	20	30	30	-	30	30
Viewing Angle	2 θ 1/2	F=5mA	deg	35	35	35	35	35	30

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