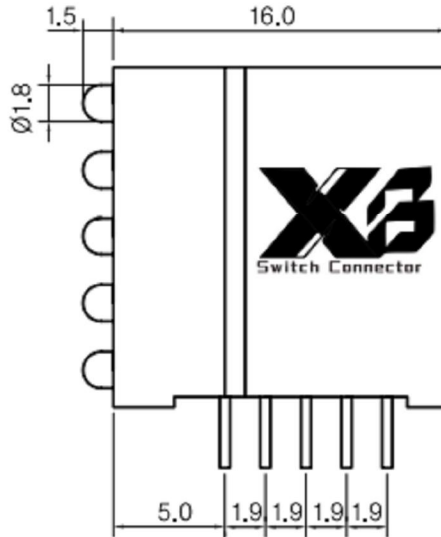
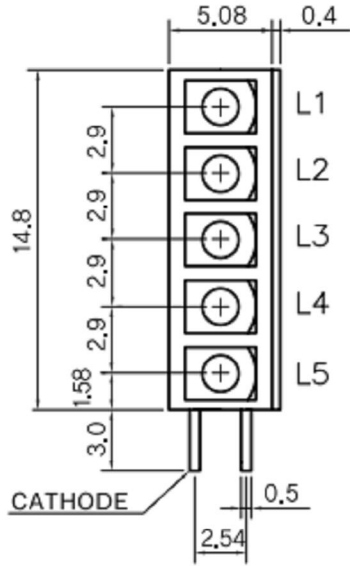
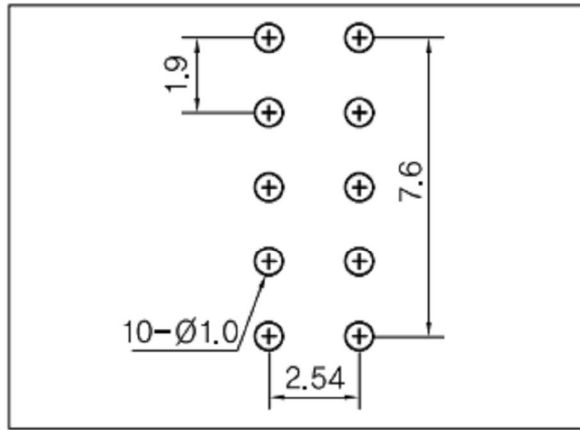


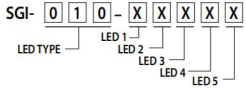
# ROHS



P.C.B DIMENSION



\* Reverse Cathode Right : SGI-010-**X****X****X****X****X****X**  
Base Color : Gray



Number	0	1	2	3	4
Color	Blank	Red	Green	Yellow	Amber
LED Spec		BL-S5158D	BL-S2158D	BL-S3158D	BL-SA1158D



Package	LED TYPE	Part No.	Chip		Lens		Absolute Maximum Ratings		Electro-optical Data(At 20mA)		Viewing Angle 2θ 1/2 (99°)				
			Emitted Color	Peak Wav Length (nm)	Appearance	Δλ (nm)	Pd (mW)	If (mA)	Vf (V)	Iv Typ. (mcd)					
High Efficiency	01	BL-B2141K	Green	568	Green Diffused	30	100	30	150	2.2	2.6	30.0	50		
		BL-B3141K	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	20.0	50		
		BL-BA1141K	Amber	610	Amber Diffused	35	100	30	150	2.0	2.6	60.0	50		
		BL-DB141K	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	10.0	50		
		BL-DB41Y1E	Super Blue	470	Blue Diffused	30	100	30	100	3.5	4.0	550	45		
	Low Current	02	BL-B5141K-L	Hi-Eff Red	635	Red Diffused	45	15	7	-	1.7	2.2	4.5	50	
			BL-B2141K-L	Green	568	Green Diffused	30	16	7	-	1.0	2.3	7.0	50	
			BL-B3141K-L	Yellow	585	Yellow Diffused	35	15	7	-	1.8	2.2	3.5	50	
			BR-B4541K-05V	Hi-Eff Red	635	Red Diffused	-	8	-	-	-	-	-	15.5	-
			BR-B2141K-05V	Green	568	Green Diffused	-	8	-	-	-	-	-	15.5	-
Integral Resistor 5V	03	BR-B3141K-05V	Yellow	585	Yellow Diffused	-	8	-	-	-	-	14.0	-		
		BR-B4141K-05V	Orange	635	Orange Diffused	-	8	-	-	-	-	15.5	-		
		BL-BE271E	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	25.0	45		
Bi-color	07	BL-BE271E	Green	568	White Diffused	35	100	30	150	2.1	2.6	20.0	45		
		BL-BY271E	Green	568	White Diffused	30	100	30	150	2.2	2.6	30.0	45		
1.0' Lead Flangeless 4.82	01	BL-B5133N	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	50.0	40		
		BL-B2133N	Green	568	Green Diffused	30	100	30	150	2.2	2.6	65.0	40		
		BL-B3133N	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	50.0	40		
		BL-B5134N	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	13.0	45		
		BL-B2134N	Green	568	Green Diffused	30	100	30	150	2.2	2.6	90.0	45		
	T-1 3/4 1.0' Lead Flangeless 5Ø	07	BL-B3134N	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	70.0	45	
			BL-BB41R4N	Super Blue	470	Blue Diffused	30	100	30	100	3.5	4.0	550	45	
			BL-BE274N	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	45.0	45	
			BL-BY274N	Green	568	White Diffused	35	100	30	150	2.1	2.6	35.0	45	
			BL-BY274N	Green	568	White Diffused	30	100	30	150	2.2	2.6	50.0	45	
T-1 3/4 1.0' Lead Standard 5Ø	07	BL-BE204	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	35.0	40		
		BL-BE204	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40		
		BL-BY204	Yellow	585	White Diffused	35	100	30	150	2.1	2.6	30.0	40		
2.0x5.0x7.0 1.0' Lead Rectangular	07	BL-BE204	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40		
		BL-BW7302B-R	Hi-Eff Red	635	Water Clear	45	100	30	150	2.0	2.6	4.0	80		

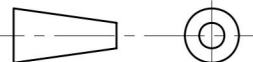
Measuring items	Symbol	Measuring conditions	Judgment criteria for failure
Forward voltage	V <sub>f</sub> (V)	I <sub>f</sub> =20mA	Over U'x1.2
Reverse current	I <sub>r</sub> (uA)	V <sub>r</sub> =5V	Over U'x2
Luminous intensity	I <sub>v</sub> (mcd)	I <sub>f</sub> =20mA	Below S'X0.5



东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD

TITLE : XB LED模块系列 XB LED MODULE Series

MODEL : XB-SG1-010-xxxxx



TOLERANCE  
<=1.5mm ±0.1  
>1.5mm ±0.2  
>=10mm ±0.3

ANGLE TOL  
±2°

UNIT : MM	DWN.	ZENQ. CHEN	DATE	2024-4-8	
SCALE : 7 : 1	CHK'D	DONG. PANG	DATE	2024-4-8	
VERSION	01	APPD.	FEI. LONG. HE	DATE	2024-4-8

2	TERMINAL	PBS STRIP	3	Au PLATED
1	CASE	PBT	1	BLACK
NO.	PART NAME	MATERIAL	QTY	FINISHING