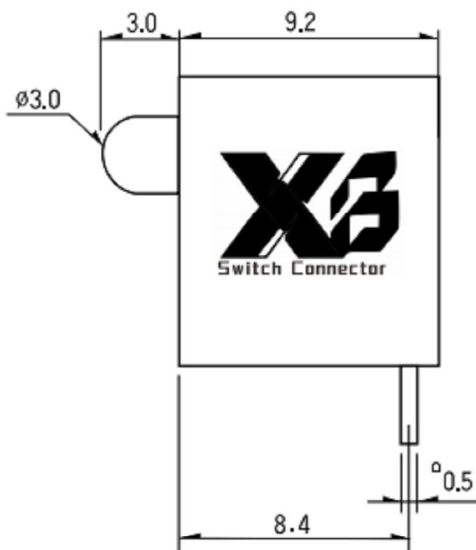
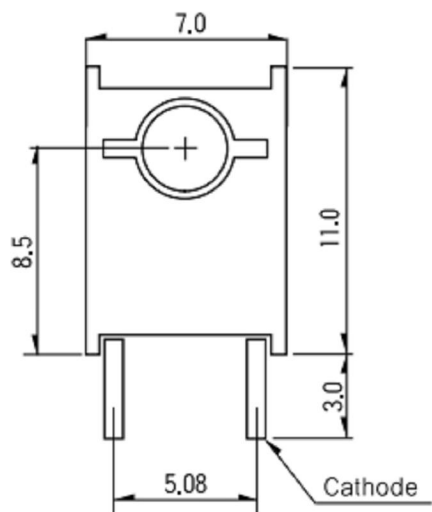
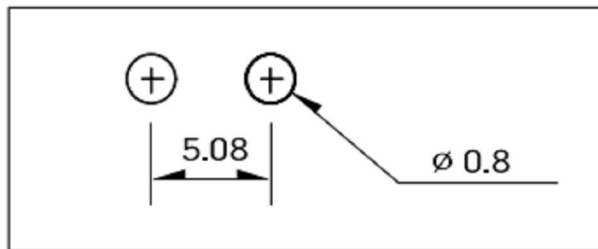


ROHS



P.C.B DIMENSION



* Reverse Cathode Left : SEL-0 $\times$ 10G
Housing Color : Gray



Model	SEL-0210	SEL-0310	SEL-0410	SEL-2510	SEL-0810	SEL-0210C	SEL-0310C	SEL-0410C	SEL-3010	SEL-3110
LED COLOR	Green	Yellow	Red	Amber	Blue	Green Color Clear	Yellow Color Clear	Red Color Clear	Red / Green	Yellow / Green
LED SPEC	BL-B2141	BL-B3141	BL-B5141	BL-BA1141	BL-BB33V1	BL-B2441	BL-B3441	BL-B5441	BL-BEX271	BL-BYX271

Package	LED TYPE	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings			Electro-optical Data(At 20mA)		Viewing Angle 2θ (deg)				
			Emitted Color	Peak Wavelength (nm)		ΔI (mA)	Pd (mW)	If Peak (mA)	Vf (V) Typ.	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-G2141K	Drifted Red	700	Red Diffused	90	50	15	50	2.2	2.6	10.0	50		
		BR-BB41V1E	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	-	5	-	15.5	-		
		BR-B2141K-05V	Green	568	Green Diffused	-	-	8	-	5	-	15.5	-		
	Integral Resistor 5V	03	BR-B3141K-05V	Yellow	585	Yellow Diffused	-	-	8	-	5	-	14.0	-	
		BR-B4141K-05V	Orange	635	Orange Diffused	-	-	8	-	5	-	15.5	-		
	Bi-color	07	BL-BEX271E	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	25.0	45	
		BL-BYX271E	Green	568	White Diffused	30	100	30	150	2.2	2.6	30.0	45		
		BL-BYX271E	Yellow	585	White Diffused	35	100	30	150	2.1	2.6	20.0	45		
		1.0' Lead Flangeless 4.8φ	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-B3134N	Green	568	Green Diffused	30	100	30	150	2.2	2.6	90.0	45	
T-1 3/4 1.0' Lead Flangeless 5φ		01	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-BEG274N	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	45.0	45		
		BL-BYX274N	Yellow	585	White Diffused	35	100	30	150	2.1	2.6	35.0	45		
		BL-BYX274N	Green	568	White Diffused	30	100	30	150	2.2	2.6	50.0	45		
	T-1 3/4 1.0' Lead Standard 5φ		BL-BEG204	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	35.0	40	
		BL-BEG204	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40		
		BL-BYX204	Yellow	585	White Diffused	35	100	30	150	2.1	2.6	30.0	40		
		BL-BYX204	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40		
		BL-BYX204	Yellow	585	White Diffused	35	100	30	150	2.1	2.6	30.0	40		
	2.0x5.0x7.0 1.0' Lead Rectangular		BL-RV7302B-R	Hi-Eff Red	635	Water Clear	45	100	30	150	2.0	2.6	4.0	80	
		BL-RV7302B-R	Green	568	Water Clear	30	100	30	150	2.2	2.6	4.5	80		
		BL-RV7302B-R	Yellow	585	Water Clear	35	100	30	150	2.1	2.6	3.0	80		
		BL-RV7302B-R	Green	568	Water Clear	30	100	30	150	2.2	2.6	4.5	80		
		BL-RV7302B-R	Yellow	585	Water Clear	35	100	30	150	2.1	2.6	3.0	80		

Measuring items	Symbol	Measuring conditions	Judgment criteria for failure
Forward voltage	V_f (V)	$I_f=20mA$	Over U' $\times$ 1.2
Reverse current	I_r (μ A)	$V_R=5V$	Over U' $\times$ 2
Luminous intensity	I_v (mcd)	$I_f=20mA$	Below S' $\times$ 0.5



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-SEL-0 $\times$ 10



TOLERANCE
<=1.5mm $\pm$ 0.1
>1.5mm $\pm$ 0.2
>=10mm $\pm$ 0.3

ANGLE TOL
 $\pm$ 2°

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

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