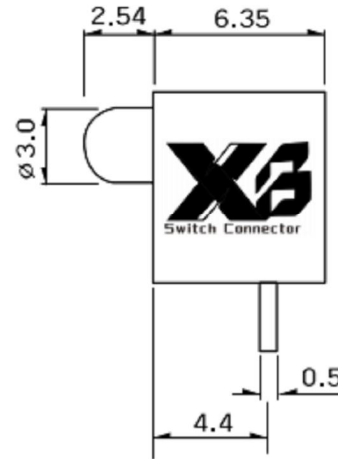
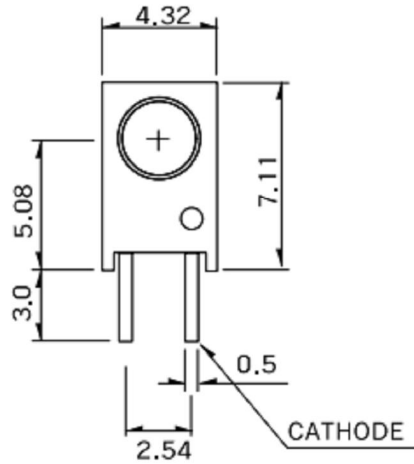
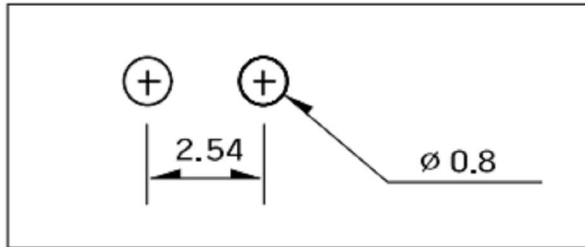


ROHS



P.C.B DIMENSION



* Reverse Cathode Left : SEA-0 \square 07G
Housing Color : Gray

Model	SEA-0207	SEA-0307	SEA-0407	SEA-2507	SEA-0507	SEA-0607	SEA-0707	SEA-0807	SEA-1107	SEA-1207	SEA-1307	SAA-0312	SAA-0332
LED COLOR	Green	Yellow	Red	Amber	Red (SV)	Green (SV)	Yellow (SV)	Blue	Red (Low)	Yellow (Low)	Green (Low)	Red / Green	Yellow / Green
LED SPEC	BL-B2141K	BL-B3141K	BL-B5141K	BL-BA1141K	BR-B4541K-05V	BR-B2141K-05V	BR-B3141K-05V	BL-BB41V1E	BL-B5141K-L	BL-B3141K-L	BL-B2141K-L	BL-BEX271E	BL-BYX271E

Package	LED TYPE	Part No.	Chip		Lens	Absolute Maximum Ratings			Electro-optical Data@t 20mA		Viewing Angle (°)		
			Emitted Color	Peak Wavelength (nm)		ΔI (mA)	If (mA)	Peak (mW)	Vf (V)	I_v Typ. (mA)		I_v Max. (mA)	
High Efficiency	01	BL-B2141K	Green	568	Green Diffused	30	100	30	150	2.2	2.8	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-BB41V1E	Super Blue	470	Blue Diffused	30	100	30	100	3.5	4.0	550	45
		BL-B5141K-L	Hi-Eff Red	635	Red Diffused	45	15	7	-	1.7	2.2	4.5	50
	02	BL-B2141K-L	Green	568	Green Diffused	30	16	7	-	1.9	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	-	-
		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
		Green	568	White Diffused	30	100	30	150	2.2	2.6	30.0	45	
		Yellow	585	White Diffused	35	100	30	150	2.1	2.6	20.0	45	
1.0" Lead Flangeless 4.8 ϕ	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
		BL-B3134N	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	70.0	45
	07	BL-BB41RAN	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
		Green	568	White Diffused	30	100	30	150	2.2	2.6	50.0	45	
		Yellow	585	White Diffused	35	100	30	150	2.1	2.6	35.0	45	
		Green	568	White Diffused	30	100	30	150	2.2	2.6	50.0	45	
		Green	568	White Diffused	30	100	30	150	2.2	2.6	50.0	45	
T-1 3/4 1.0" Lead Standard 5 ϕ	01	BL-BEG204	Hi-Eff Red	635	White Diffused	45	100	30	150	2.0	2.6	35.0	40
		Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40	
		Yellow	585	White Diffused	35	100	30	150	2.1	2.6	30.0	40	
07	BL-BYG204	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40	
	Green	568	White Diffused	30	100	30	150	2.2	2.6	45.0	40		
2.0x5.0x7.0 1.0" Lead Rectangular	01	BL-FV7302B-R	Hi-Eff Red	635	Water Clear	45	100	30	150	2.0	2.6	4.0	80
		Green	568	Water Clear	30	100	30	150	2.2	2.6	4.5	80	

Measuring items	Symbol	Measuring conditions	Judgment criteria for failure
Forward voltage	V_f (V)	$I_f=20mA$	Over U'x1.2
Reverse current	I_r (μ A)	$V_r=5V$	Over U'x2
Luminous intensity	I_v (mcd)	$I_f=20mA$	Below S'X0.5

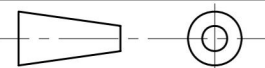


东莞市溪榜电子有限公司

DONG GUAN XI BANG ELECTRONICS CO., LTD

TITLE : XB LED模块系列 XB LED MODULE Series

MODEL : XB-SEA-0x07



UNIT	MM	DWN.	ZENQ. CHEN	DATE	2024-4-8	TOLERANCE	ANGLE TOL
SCALE	7 : 1	CHK'D	DONG. PANG	DATE	2024-4-8	$\leq 1.5mm \pm 0.1$	$\pm 2^\circ$
VERSION	01	APPD.	FEI. LONG. HE	DATE	2024-4-8	$> 1.5mm \pm 0.2$	
						$\geq 10mm \pm 0.3$	

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