



# 漳州市晶艺佳电子制造有限公司

Zhangzhou Jingyijia Electronic Manufacture Co.,Ltd.

**1.8MM GULL WING TYPE**

**AXIAL LED LAMP**

**ABSOLUTE MAXIMUM RATINGS:(Ta=25 )**

Parameter	Package Dimensions
Reverse Voltage.....5 Volt	
Reverse Current (Vr =5V).....10uA	
Operating Temperature Range.....-40 To +85	
Storage Temperature Range..... -40 To +100	
Lead Soldering Temperature.....260 For 5 Seconds (1.6mm (1/16)From Body)	
NOTES : 1. All dimensions are in millimeters. 2. Lead spacing is measured where the leads emerge from the package. 3. Protuded resin under flange is 1.5 mm (0.059") Max. 4. Specifications are subject to change without notice.	UNIT:mm

**PART NO.SELECTION AND APPLICATION INFORMATION(RATINGS AT 25 AMBIENT)**

Part No.	Chip Material	Lens Type	Emitting Color	Vf (V)		Peak Wavelength (nm)		Iv (mcd)		If (mA)	View Angle (deg)
				Typ	Max	Min	Max	Min	Max		
XS1361-F7	AlGaInp	Water Clear	Red	1.7	2.6	640	660	28	60	10-20	35
XJB361-F7			Orange	2.2	2.6	610	615	63	150		
XY0361-F7			Yellow	2.1	2.6	585	590	94	200		
XG0361-F7			Yellow Green	2.1	2.6	565	570	19	45		
XG6361-F7	InGaN		Green	3.5	4.0	520	525	94	300		
XG4361-F7			Blue Green	3.5	4.0	500	505	94	250		
XB3361-F7			Blue	2.8	3.2	465	470	28	60		
XZ5361-F7			White	3.2	3.6	/	/	140	250		

**TESTING CONDITION FOR EACH PARAMETER:**

Parameter	Symbol	Unit	Test Condition
REVERSE VOLTAGE	Vr	Volt	Vr=5.0 Volt
REVERSE CURRENT	Ir	UA	If=20 mA
FORWARD VOLTAGE	Vf	Volt	If=20 mA
LUMINOUS INTENSITY	Iv	Mcd	If=20 mA
VIEWING ANGLE	2 1/2	Degree	
RECOMMENDED OPERATING CURRENT	If(Rec)	mA	