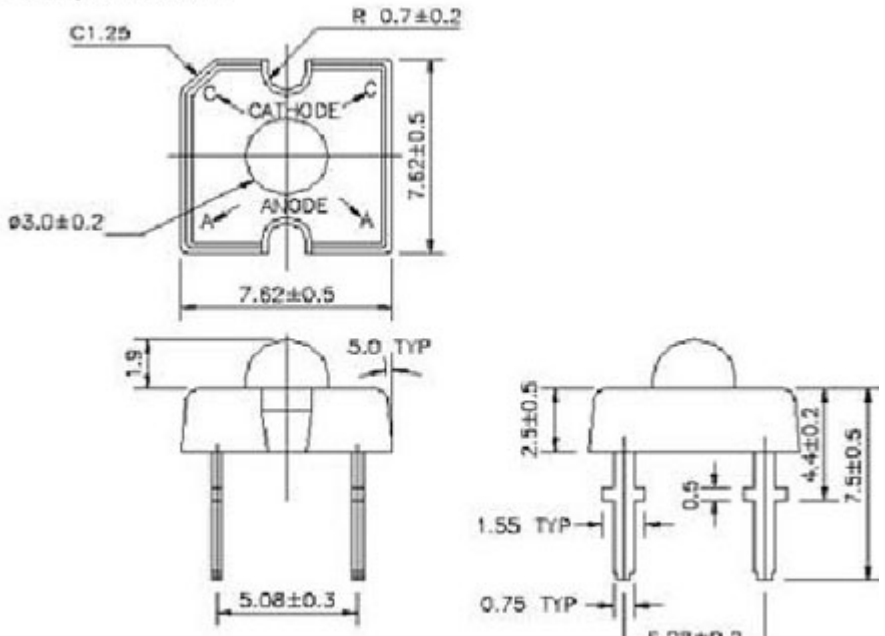
High power FLUX LED JY-106H278WC

Package Dimensions:



1 All dimensions are in millimetres (mm)

2 Tolerance is ±0.25mm unless otherwise noted

Chip material：InGaN.
Emitting color：Ultra Super Yellow
Peak Emission Wavelength (λd)：593(nm)
Viewing Angle (2θ1/2)：50(Deg.)
Len's Color：Water Clear

◆ Features:

Φ3 super flux leds
Low power consumption, Cabined viewing angle.
High Flux Output For High Current Operation
High Intensity and reliable for Automotive Equipment, Ideal for backlight, lighting and indicator.
Chip material：InGaN

◆ Absolute Maximum Rating （Ta=25℃）

Parameter	Symbol	Maximum Rating	Units
Power Dissipation	P_M	100	M_W
Pulse Forward Current (Duty 1/10 @1kHz)	I_{FP}	120	mA
Continuous Forward Current	I_F	30	mA
Peak Forward Current	I_{FP}	150	mA
Reverse Voltage	V_R	5	V
Electrostatic Discharge	Esd	1000	V
Operating Temperature Range	Topr	-30℃~80℃	℃
Storage Temperature Range	Tstg	-30℃~80℃	℃
Solder Temperature: 2.0mm From Body For 3 Seconds at 260℃.			

◆ Electrical Optical Characteristics（Ta=25℃）

Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Luminous Flux	Φ_V	6200	7000		mlm	If=30mA
Forward Voltage	VF	3.0	3.2	3.4	V	If=20mA
Reverse Current	IR			1	uA	VR=5V
Dominant Wavelength	λd	587	590	592	nm	If=20mA
Peak Emission Wavelength	λP		594		nm	If=20mA
Spectral Line Half Width	Δλ		20		nm	If=20mA
Viewing Angle	$2\theta_{1/2}$		50		Deg.	If=20mA

Note:

1、The luminous intensity data and λP is survey values with the machine JF-Ⅱ、JS-2000.

2、2θ1/2 is the clip angle at which the luminous intensity is half the axial luminous intensity.