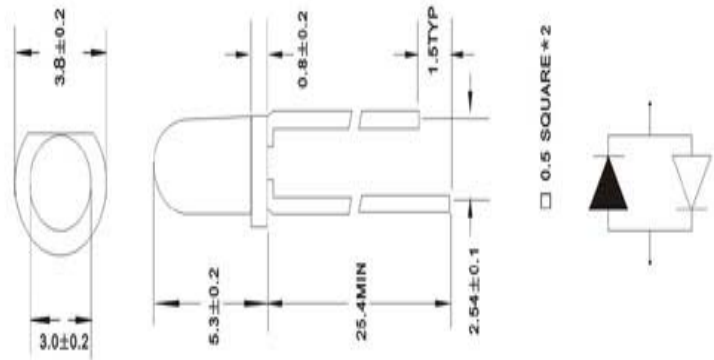


Characters – 3mm Blue 4000mcd

- High intensity
- Viewing angle 20°
- Reliable and Rugged
- Standard 3mm diameter package

ITEM	MATERIALS
Resin (Mold)	Epoxy
Lens Color	Water Transparent
Lead Frame	Ag Plating Iron Alloy
Dice	InGaN



Absolute Maximum Ratings (Ta=25)

Item	Symbol	Value	Unit
		Blue	
Power Dissipation	PD	150	MW
DC Forward Current	IF	20	MA
Pulsed Forward Current	IFP	100*	MA
Reverse Current	IRDC	100	μA
Reveres Voltage	VR	5★	V
Operating Temperature	Topr	-55~+100	°C
Storage Temperature	Tstg	-40~+100	°C
Soldering Temperature Δ	Tsol	260	°C



* Duty 1/10 Pulse Width 0.1ms

★ This rating is Zener Diode

△ At the position of 4mm from the bottom of the package with 5 seconds.

	Luminous Intensity (mcd) ☆			Forward Voltage (v)			Forward Voltage (v)		Reverse Current (μA)		Wavelength Characteristics	
	Typ.	Max.	IF (mA)	Typ.	Max.	If (mA)	Min	IF (μA)	Max.	VR (V)	IF (mA)	λ p (nm)
		3000	4000	20	3.3	3.5	20	1.0	100	50	5	20

☆ Axial Direction (luminous Intensity)

Notes:

- △ All dimensions are in millimeters (inches)
- △ Tolerance is ± 0.25 (.010) mm unless otherwise noted.
- △ Protruded resin under flange is 1.0mm (0.4) max].
- △ Lead spacing is measured where the leads emerge from the package.
- △ Caution in ESD: Static Electricity and surge damages the LED. It is recommend to use a wristband or anti-electrostatic glove when handling the LED. All devices, Equipment and machinery must be properly grounded.