EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply

5mm Flat Blue LED
OSUB53E1A-IJ

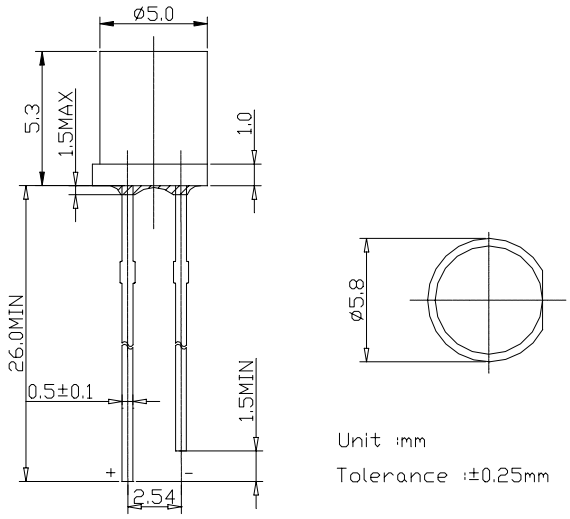
▪Features

- 5mm Standard Directivity
- Water clear Type
- Superior Weather-resistance
- UV Resistant Epoxy
- RoHS compliant

▪Applications

- Automotive Dashboard Lighting
- Traffic signal lamp
- Back Lighting

▪Outline Dimension

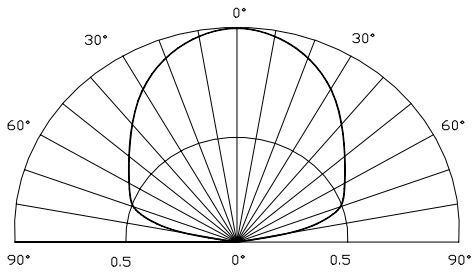


▪Absolute Maximum Rating (Ta=25 □)

Item	Symbol	Value	Unit
DC Forward Current	I_F	30	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	Topr	-30 ~ +80	□
Storage Temperature	Tstg	-30 ~ +100	□
Lead Soldering Temperature	Tsol	260 □ /5sec	-

*Pulse width Max.10ms Duty ratio max 1/10

▪Directivity



▪Electrical -Optical Characteristics (Ta=25 □)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	I_F=20mA	2.8	3.4	4.0	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Domi. Wavelength	λ_D	I_F=20mA	465	470	475	nm
Luminous Intensity	Iv	I_F=20mA	330	500	750	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	140	-	deg