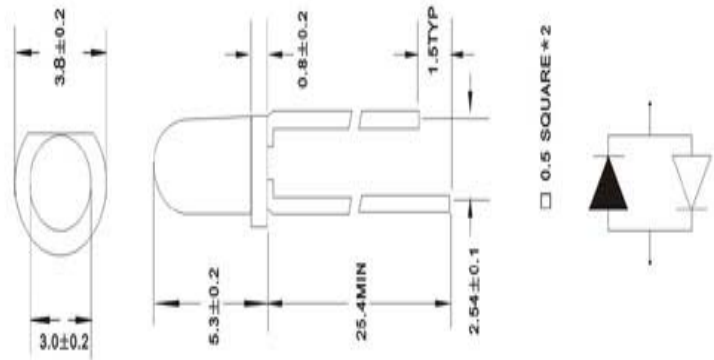


Characters – 3mm Red

- 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	AlGaInP



Absolute Maximum Ratings ($T_a=25^\circ$)

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



* Duty 1/10 Pulse Width 0.1ms

★ This rating is Zener Diode

Δ 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 (μ A)		Wavelength Characteristics	
	Typ.	Max.	IF (mA)	Typ.	Max.	If (mA)	Min	IF (μ A)	Max.	VR (V)	IF (mA)	λ p (nm)
		3000	4000	20	2.0	2.4	20	1.8	100	10	5	20

☆ Axial Direction (luminous Intensity)

Notes:

- Δ All dimensions are in millimeters (inches)
- Δ Tolerance is ± 0.25 (.010) mm unless otherwise noted.
- Δ Protruded resin under flange is 1.0mm (0.4) max].
- Δ Lead spacing is measured where the leads emerge from the package.
- Δ 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.