

Through Hole Red LED 3mm (T1)

multicomp PRO

**RoHS
Compliant**



Specifications

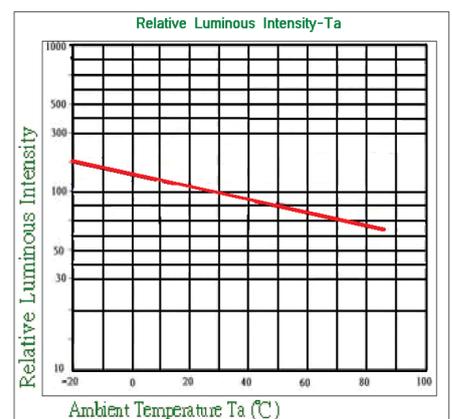
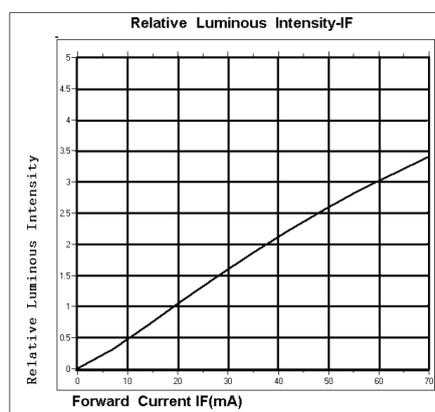
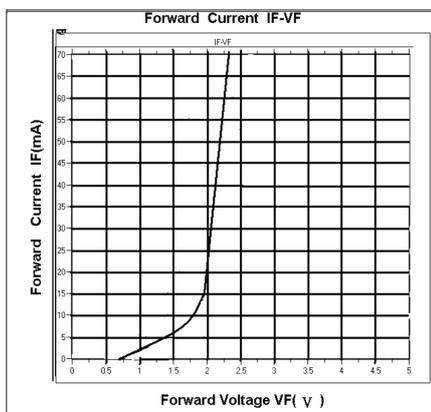
Forward Current	: $\leq 30\text{mA}$
Wide Viewing Angle	: 25 Deg.
Operating Temperature	: -30°C to $+80^{\circ}\text{C}$
Storage Temperature	: -40°C to $+100^{\circ}\text{C}$
Junction Temperature	: $+110^{\circ}\text{C}$
Lens Colour Code	: Red
Lead Frame	: Ag Plating Iron Alloy
Resin (Mold)	: Epoxy
Chip Material	: AlGaInP
Reverse Voltage	: 5V
Pulsed Forward Current	: 100mA
Duty 1/10	: Pulse width 0.1ms

Electrical Optical Characteristics (Ta = 25)

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	Vf	1.7	2	2.7	V	If=20mA
Luminous Intensity	Iv	1300	2500		mcd	If=20mA
Wavelength	λ_d	620		630	nm	If=20mA
Reverse Current	Ir			10	μA	Vr=8V
Viewing Angle	$2\theta_{1/2}$		25		Deg.	If=20mA

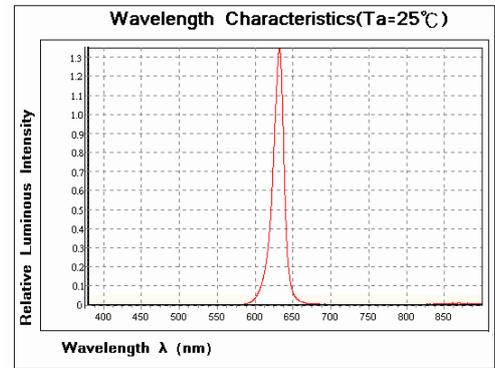
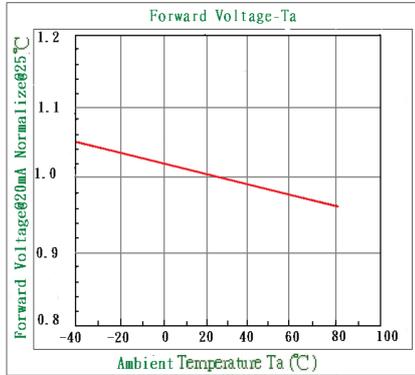
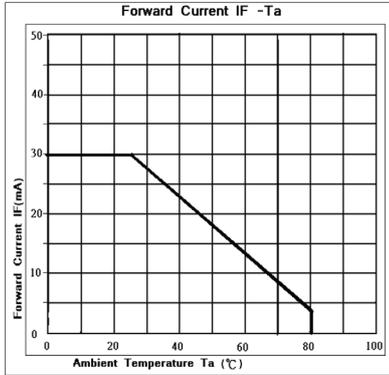
1. Luminous intensity (IV) $\pm 10\%$, Forward Voltage (VF) $\pm 0.1\text{V}$, Wavelength (λ_d) $\pm 0.5\text{nm}$.
2. IS standard testing.

Optical Characteristics Curves

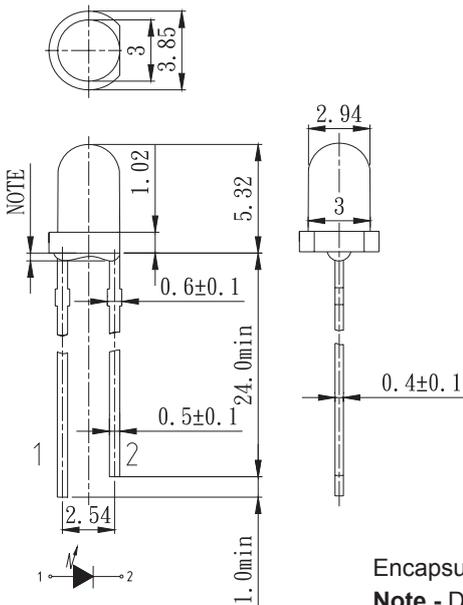


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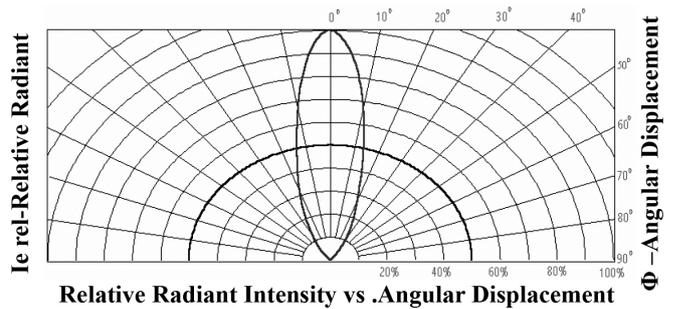


Diagram



Dimensions : Millimetres

Directive Characteristics (TA=25°C)



Part Number Table

Description	Part Number
Through Hole LED, Red, 2V, 2500mcd, 625nm	MP001244

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