



Part No.:HI-25N9ORYGT-162W4

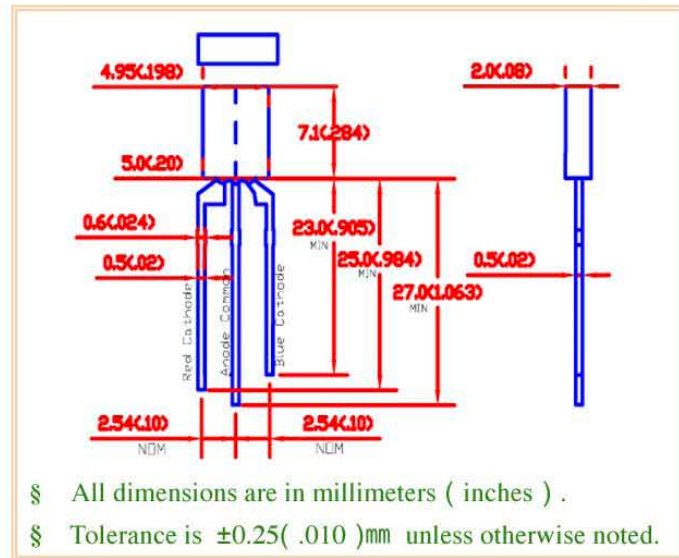
19/04620-00

§ Standard 2*5*7mm diameter package.

Characters

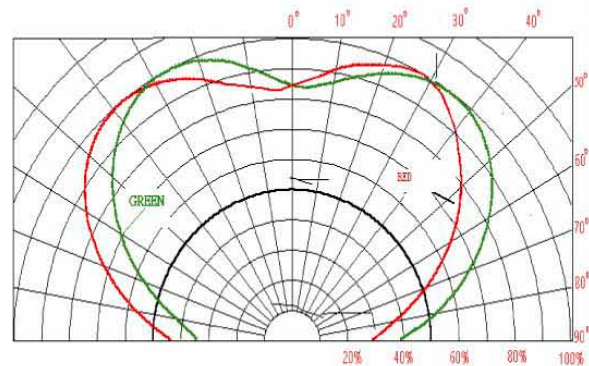
§ High intensity

ITEM		MATERIALS
Resin(Mold)		Epoxy
Lens Color Code	C	Water Transparent
	T	Colored Transparent
	D	White Diffused
	E	Colored Diffused
Lead Frame		Ag Plating Iron Alloy
Dice	Red	GaInP
	Green	GaP

Outline Dimensions**Absolute Maximum Ratings (Ta=25°C)**

Item	Symbol	Value		Unit
		Red	Green	
Power Dissipation	PD	100	100	mW
DC Forward Current	IF	30	30	mA
Pulsed Forward Current	IFP	100*	100*	mA
Reverse Voltage	VR	5	5	V
Operating Temperature	Topr	-25 ~ +80		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Soldering Temperature	Tsol	260for5sec		°C

* Duty 1/10 Pulse Width 0.1ms Δ At the position of 4mm from the bottom of the package

Directive Characteristics (Ta=25°C)**Electrical-Optical Characteristics (Ta=25°C)**

Parameter	Symbol	Value						Unit	Test condition
		Red			Green				
		Min.	Typ	Max.	Min.	Typ	Max.		
Forward Voltage	V _f	---	1.93	2 . 2	---	2.28	2.6	V	If=20mA
Luminous intensity	I _v	50	80	---	20	50	---	mcd	If=20mA
Wavelength	X(λd)	---	620	630	---	569	573	(nm)	If=20mA
Reverse Current	I _r	---	---	5	---	---	5	μA	V _r =5V
Viewing angle	2θ1/2	---	120	---	---	120	---	Deg	If=20mA
Spectral half bandwidth	Δλ	---	25	---	---	25	---	nm	If=20mA