

Part No. : 1L0534Y24G0CA002

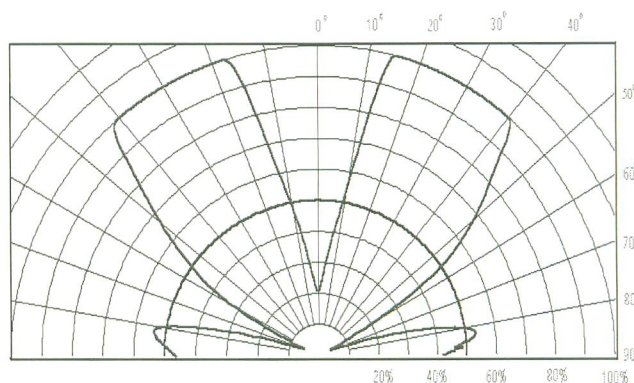
§ Standard 5mm diameter package.

**Characters**

§ High intensity.

**Directive Characteristics ( Ta=25°C )**

ITEM	MATERIALS	
Resin(Mold)	Epoxy	
Lens Color Code	C	Water Transparent
	T	Colored Transparent
	M	White Diffused
	D	Colored Diffused
Lead Frame	Ag Plating Iron Alloy	
Dice	AlGaInP	



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

Item	Symbol	Value	Unit
Power Dissipation	PD	100	mW
DC Forward Current	IF	30	mA
Pulsed Forward Current	IFP	100*	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +60	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature	Tsol	260for5sec△	°C

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

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

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	V <sub>f</sub>	1.7	2	2.4	V	I <sub>f</sub> =20mA
Luminous intensity	I <sub>v</sub>	70	120	---	mcd	I <sub>f</sub> =20mA
Wavelength	x(& λ d)	585		595	(nm)	I <sub>f</sub> =20mA
	y	---	---	---	---	I <sub>f</sub> =20mA
Reverse Current	I <sub>r</sub>	---	---	10	μA	V <sub>r</sub> =5V
Viewing angle	2θ <sub>1/2</sub>	---	160	---	Deg	I <sub>f</sub> =20mA
Spectral half bandwidth	△λ	---	25	---	nm	I <sub>f</sub> =20mA

※Specifications are subject to change without notice.

