

**Part No. : 1L0341V41D0CA001**

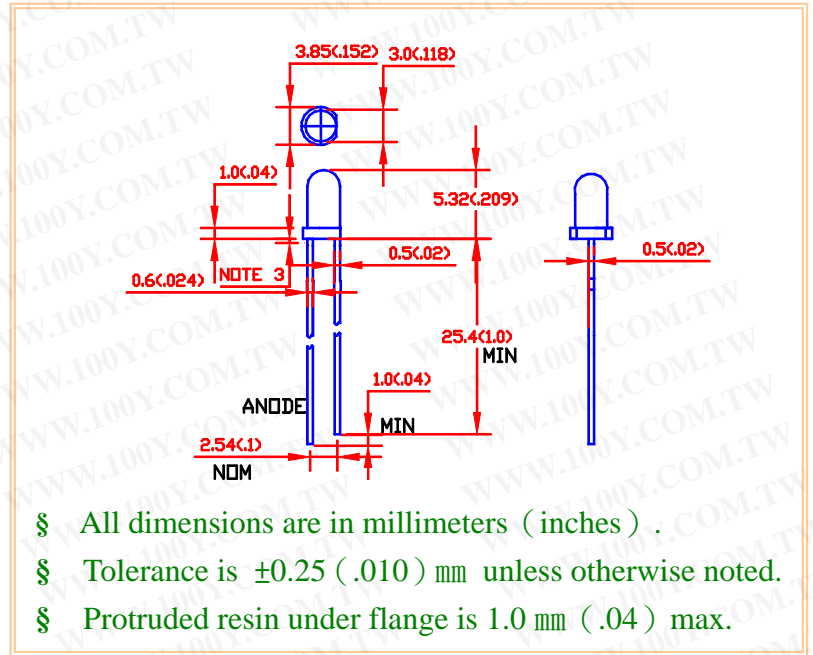
§ Standard 3mm diameter package.

**Characters**

§ High intensity.

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

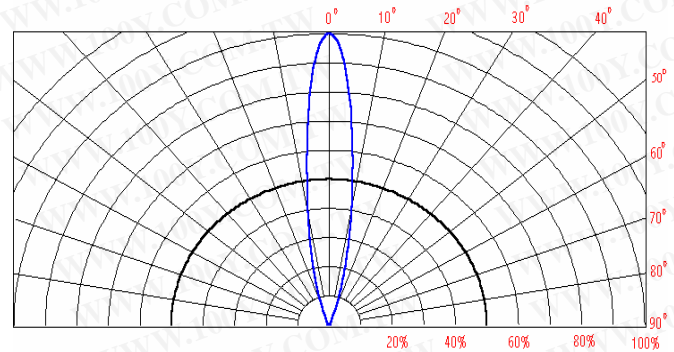
**Outline Dimensions**



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

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

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



\* Duty 1/10 Pulse Width 0.1ms Δ 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	Vf	---	1.8	2.4	V	If=20mA
Luminous intensity	Iv	1400	1800	---	mcd	If=20mA
Wavelength	x(& λ d)	---	628	633	(nm)	If=20mA
	y	---	---	---	---	If=20mA
Reverse Current	Ir	---	---	1	μA	Vr=5V
Viewing angle	2θ 1/2	---	15	---	Deg	If=20mA
Spectral half bandwidth	Δλ	---	25	---	nm	If=20mA

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