



**Absolute Maximum Ratings at T<sub>A</sub>=25°C**

REVERSE VOLTAGE (<100 μ A).....	GaAsP RED 3.0 V , OTHER 5.0V
D.C. FORWARD CURRENT .....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH).....	100 mA
OPERATING TEMPERATURE RANGE.....	-25°C TO +85°C
STORAGE TEMPERATURE RANGE.....	-25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM BODY).....	260°C FOR 5 SEC.

**Electrical/optical characteristics at T<sub>A</sub>=25°C**

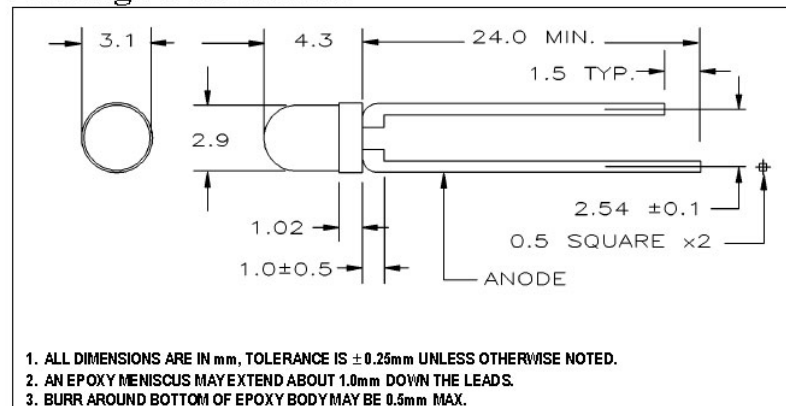
PART NUMBER	LED CHIP	MATERIAL	EMITTING COLOR	LENS COLOR		PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE 2θ <sub>1/2</sub> (deg)
							TYP.	MAX.	MIN.	TYP.	
L295RD	L295RW	GaP	RED	R.D.	W.D.	700	2.1	3.0	2	4	55
L295GD	L295GW	GaP	GREEN	G.D.	W.D.	572	2.1	3.0	17	29	55
L295YD	L295YW	GaAsP	YELLOW	Y.D.	W.D.	589	2.1	3.0	14	24	55
L295OD	L295OW	GaAsP	ORANGE	O.D.	W.D.	630	2.1	3.0	20	35	55
L295HD		GaAsP	HIGH-EFF RED	R.D.		630	2.1	3.0	20	35	55
L295RC	L295RT	GaP	RED	W.C.	R.C.	700	2.1	3.0	7	12	40
L295GC	L295GT	GaP	GREEN	W.C.	G.C.	572	2.1	3.0	45	75	40
L295YC	L295YT	GaAsP	YELLOW	W.C.	Y.C.	589	2.1	3.0	35	60	40
L295OC	L295OT	GaAsP	ORANGE	W.C.	O.C.	630	2.1	3.0	55	90	40
	L295HT	GaAsP	HIGH-EFF RED		R.C.	630	2.1	3.0	55	90	40

- (1) LENS COLOR  
 R.C....RED CLEAR      R.D....RED DIFFUSED  
 Y.C....YELLOW CLEAR    Y.D....YELLOW DIFFUSED  
 W.C....WHITE CLEAR    W.D....WHITE DIFFUSED  
 G.C....GREEN CLEAR    G.D....GREEN DIFFUSED  
 O.C....ORANGE CLEAR   O.D....ORANGE DIFFUSED

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

**Package Dimensions**



**Radiation Pattern**

