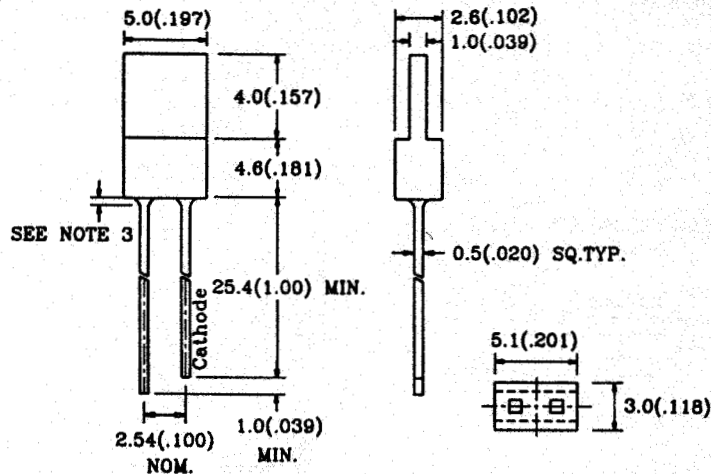


L-483XD series ... **1.0x5.0x9.65mm Rectangular LED LAMP**

MAIN FEATURES :

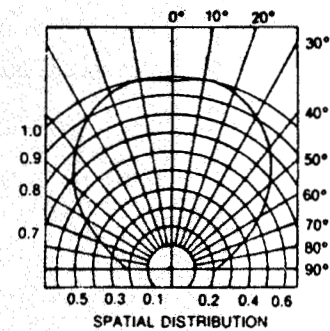
- ⊙ 1.0x5.0x 9.65mm Rectangular LED LAMP
- ⊙ STANDARD 1" LEAD
- ⊙ I.C. COMPATIBLE
- ⊙ LONG LIFE-SOLID STATE RELIABILITY
- ⊙ LOW POWER CONSUMPTION

◆ PACKAGE DIMENSIONS



Notes:

1. All Dimension are in millimeter.
2. Tolerance is $\pm 0.25\text{mm}(0.010")$ unless otherwise specified.
3. Protruded resin under flange is is 1.5mm(0.59") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specification are subject to change without notice.



◆ SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)

Part No.	Chip			Wave Length λ p(nm)	Absolute Maxmum Ratings				Electro-Optical Characteristics						View Angle (deg)
	Raw Material	Emitted Color	Lens Color		$\Delta \lambda$ nm	Pd mW	If mA	If (Peak)	Vf(V)			If Iv (mcd)			
									Min.	Typ.	Max.	(Rec)	Min.	Typ.	
L-483HD	GaP	Bright Red	Red Diffused	700	90	45	15	50	1.7	2.1	2.8	5~10	0.6	1.8	120
L-483ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	45	100	30	160	1.7	2.0	2.8	10~20	2.5	8.0	120
L-483ED-E	GaAsP/GaP	Orange	Orange Dffused	635	45	100	30	160	1.7	2.0	2.8	10~20	2.5	8.0	120
L-483GD	GaP	Green	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10~20	1.5	6.0	120
L-483YD	GaAsP/GaP	Yellow	Yellow Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	1.5	6.0	120
L-483AD	GaAsP/GaP	Amber	Amber Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	1.5	6.0	120
L-483I D	GaAlAs	Hi.effi Red	Red Diffused	625	20	60	20	160	1.6	1.8	2.1	10~20	8.0	20.0	120
L-483SRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	20.0	50.0	120
L-483LRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	50.0	100	120
L-483URD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	100	150	120

Reverse Voltage	: 5 Volt
Reverse Current(Vr = 5V)	: 10 μ A
Operating Temperature Range	: -40°C to +85°C
Storage Temperature Range	: -40°C to +100°C
Lead Soldering Temperature (1.6mm(1/16inch) from body)	: 260°C for 5 Seconds

Para meter Description	Symbol	Unit
Spectral Line half-Width	$\Delta \lambda$	nm
Power Dissipation	Pd	mW
Peak Forward Current (Duty 1/10,@KHz)	If(Peak)	mA
Recommended Operation Current	If(Rec)	mA
Average Luminuous intensity (If = 10mA)	Iv	mcd