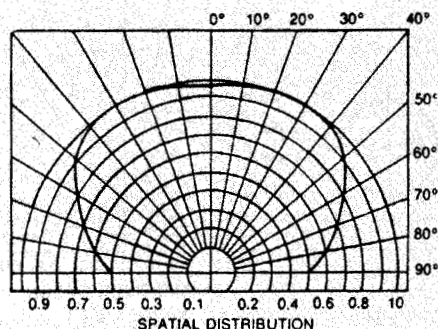
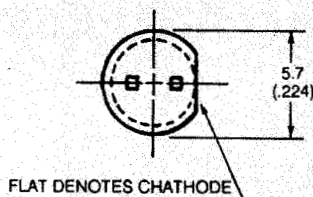
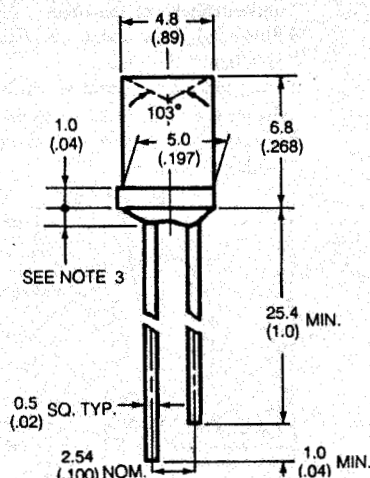


L-553XX series ...

5mm Dia CYLINDRICAL TYPE LED LAMP

- MAIN FEATURES :**
- ⊙ 5mm DIA CYLINDRICAL TYPE LED LAMP
 - ⊙ STANDARD 1" LEAD
 - ⊙ I.C. COMPATIBLE
 - ⊙ LOW POWER CONSUMPTION

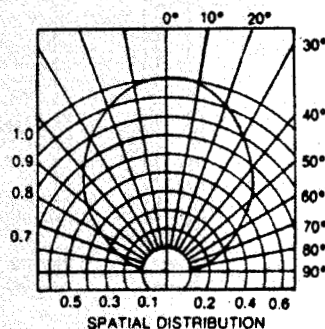
◆ PACKAGE DIMENSIONS



L-553XD

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 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.



L-553XC&XT

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

Part No.	Chip			Wave				Absolute Maximum Ratings				Electro-Optical Characteristics				View Angle
	Raw Material	Emitted Color	Lens Color	Length	$\Delta\lambda$	Pd	If	If	Vf(V)	If	Iv (mcd)	Vf(V)	If	Iv (mcd)	Angle	
				λ (nm)	nm	mW	mA	(Peak)	Min.	Typ.	Max.	(Rec)	Min.	Typ.	(deg)	
L-553HD	GaP	Bright Red	Red Diffused	700	90	45	15	50	1.7	2.1	2.8	5~10	0.6	3.0	150	
L-553ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	45	100	30	160	1.7	2.0	2.8	10~20	3.0	15.0	150	
L-553ED-E	GaAsP/GaP	Orange	Orange Dffused	635	45	100	30	160	1.7	2.0	2.8	10~20	3.0	15.0	150	
L-553GD	GaP	Green	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10~20	2.5	8.0	150	
L-553YD	GaAsP/GaP	Yellow	Yellow Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	2.5	8.0	150	
L-553AD	GaAsP/GaP	Amber	Amber Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	2.5	8.0	150	
L-553I D	GaAlAs	Hi. effi Red	Red Diffused	625	20	60	20	160	1.6	1.8	2.1	10~20	15.0	30.0	150	
L-553SRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	30.0	80.0	150	
L-553LRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	80.0	150	150	
L-553URD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	150	200	150	
L-553HT	GaP	Bright Red	Red Transparent	700	90	45	15	50	1.7	2.1	2.8	5~10	4.0	8.0	100	
L-553ET	GaAsP/GaP	Hi. effi Red	Red Transparent	635	45	100	30	160	1.7	2.0	2.8	10~20	10.0	30.0	100	
L-553ET-E	GaAsP/GaP	Orange	Orange Transparent	635	45	100	30	160	1.7	2.0	2.8	10~20	10.0	30.0	100	
L-553GT	GaP	Green	Green Transparent	565	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	100	
L-553YT	GaAsP/GaP	Yellow	Yellow Transparent	585	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	100	
L-553AT	GaAsP/GaP	Amber	Amber Transparent	585	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	100	
L-553I T	GaAlAs	Hi. effi Red	Red Transparent	625	20	60	20	160	1.6	1.8	2.1	10~20	30.0	60.0	100	
L-553SRT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	60.0	120	100	
L-553LRT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	120	200	100	
L-553URT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	200	300	100	
L-553HC	GaP	Bright Red	Water Clear	700	90	45	15	50	1.7	2.1	2.8	5~10	6.0	15.0	100	
L-553EC	GaAsP/GaP	Hi. effi Red	Water Clear	635	45	100	30	160	1.7	2.0	2.8	10~20	15.0	40.0	100	
L-553GC	GaP	Green	Water Clear	565	30	100	30	160	1.7	2.1	2.8	10~20	8.0	25.0	100	
L-553YC	GaAsP/GaP	Yellow	Water Clear	585	30	100	30	160	1.7	2.1	2.8	10~20	8.0	25.0	100	
L-553I C	GaAlAs	Hi. effi Red	Water Clear	625	20	60	20	160	1.6	1.8	2.1	10~20	40.0	100	100	
L-553SRC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	100	200	100	
L-553LRC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	200	350	100	
L-553URC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	350	500	100	