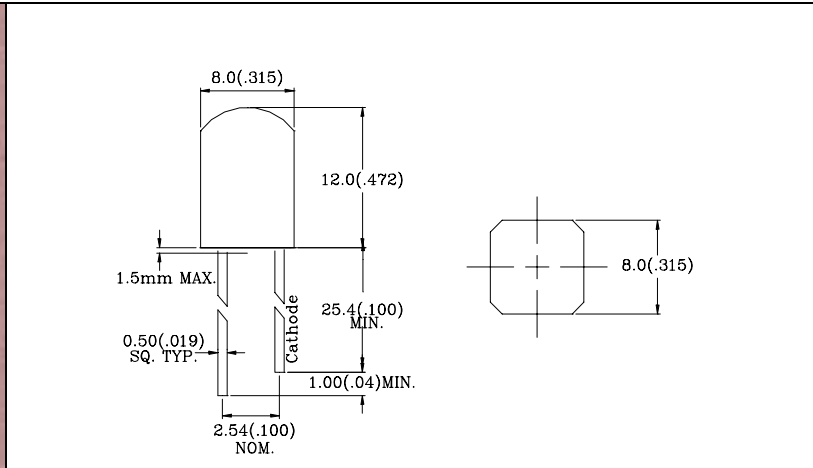
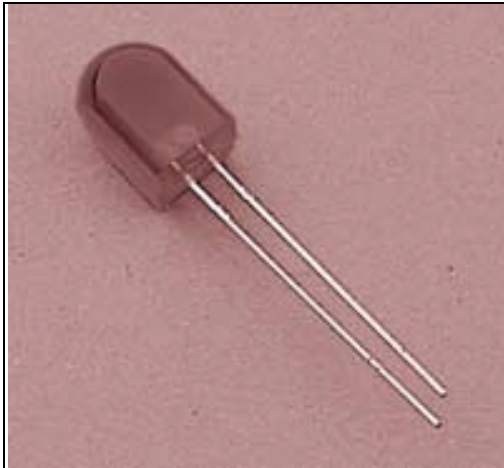


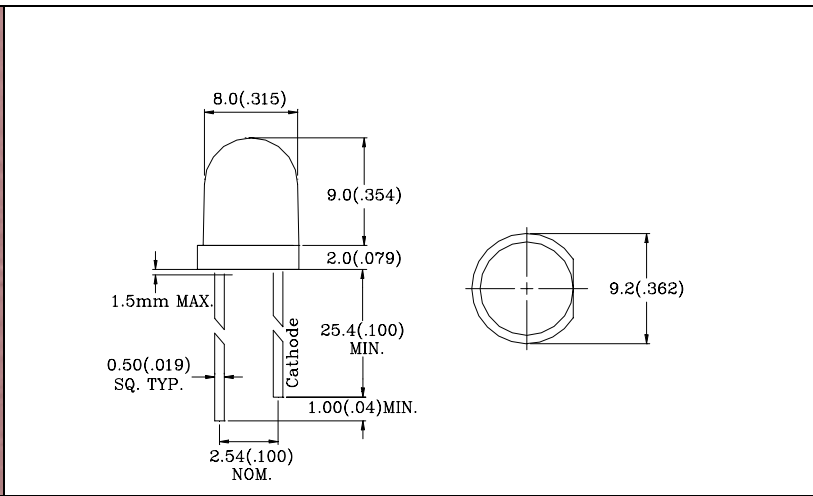
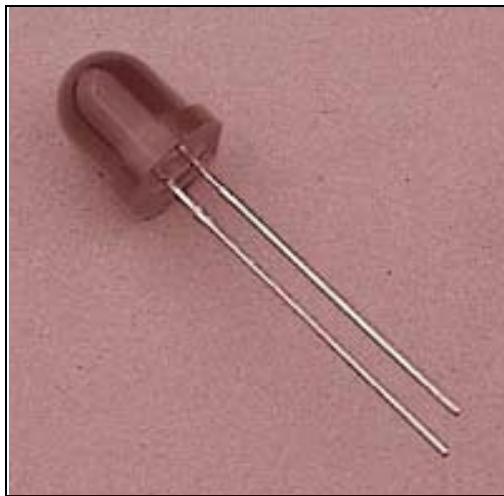


L-803XX 8.0x8.0mm RECTANGULAR ROUND HEAD LED LAMP



Part No.	Chip		Lens Color	Wave Length λ p (nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		Iv(mcd)10mA	
					Typ.	Max.	Typ.	
L-803HD	GaP	Red	Red Diffused	700	2.1	2.8	7.5	50
L-803GD	GaP	Green	Green Diffused	565	2.1	2.8	15.0	50
L-803YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	15.0	50
L-803ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	20.0	50
L-803SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	200	50

L-813XX 8.0mm Dia LED LAMP



Part No.	Chip		Lens Color	Wave Length λ p (nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		Iv(mcd)10mA	
					Typ.	Max.	Typ.	
L-813HD	GaP	Red	Red Diffused	700	2.1	2.8	7.5	60
L-813GD	GaP	Green	Green Diffused	565	2.1	2.8	15.0	60
L-813YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	15.0	60
L-813ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	20.0	60
L-813SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	200	60

1. All dimension are in millimeters (inches).
2. Tolerance is ± 0.25 mm (0.01") unless otherwise specified.