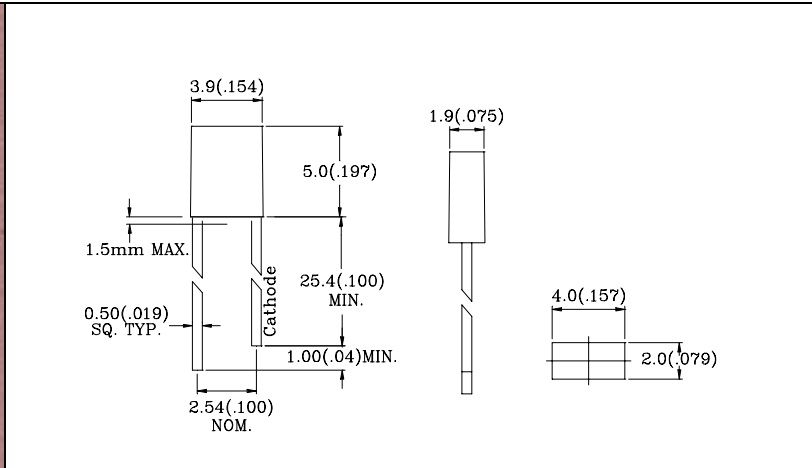
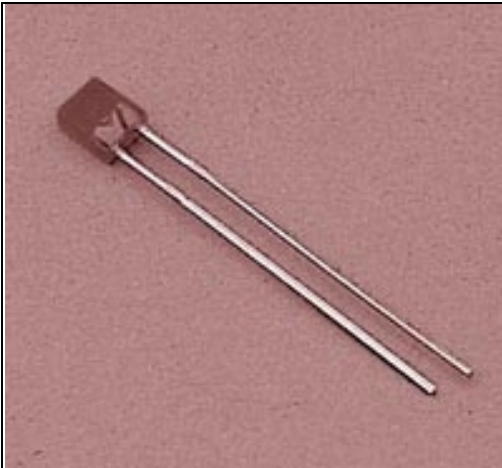


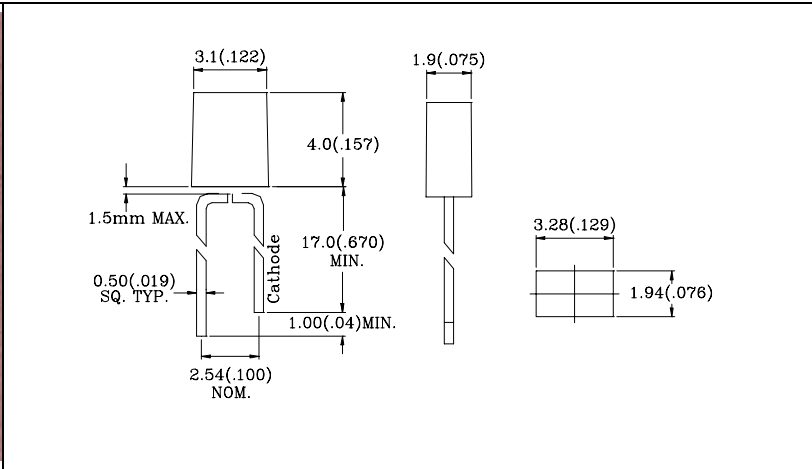
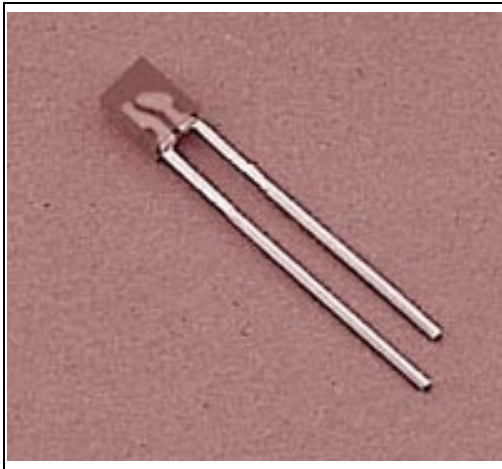


L-4L3XX 1.9x3.9x5.0mm RECTANGULAR LED LAMP



Part No.	Chip		Lens Color	Wave Length λ p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		lv(mcd)10mA	
					Typ.	Max.	Typ.	
L-4L3HD	GaP	Red	Red Diffused	700	2.1	2.8	3.0	120
L-4L3GD	GaP	Green	Green Diffused	565	2.1	2.8	6.0	120
L-4L3YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	6.0	120
L-4L3ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	8.0	120
L-4L3SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	50.0	120

L-602XX 1.9x3.1x4.0mm RECTANGULAR 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		lv(mcd)10mA	
					Typ.	Max.	Typ.	
L-602HD	GaP	Red	Red Diffused	700	2.1	2.8	3.0	135
L-602GD	GaP	Green	Green Diffused	565	2.1	2.8	6.0	135
L-602YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	6.0	135
L-602ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	8.0	135
L-602SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	50.0	135

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