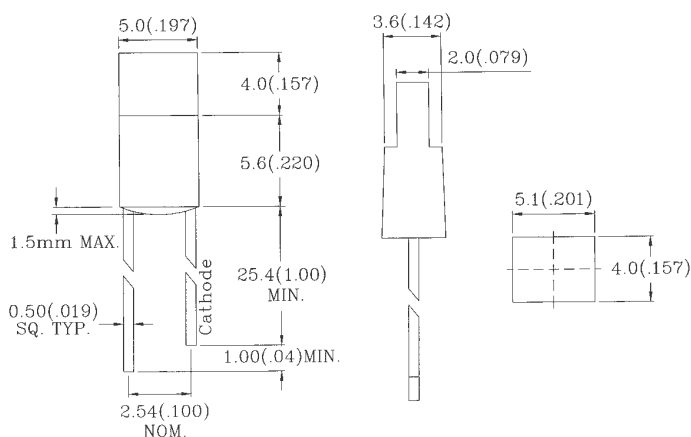
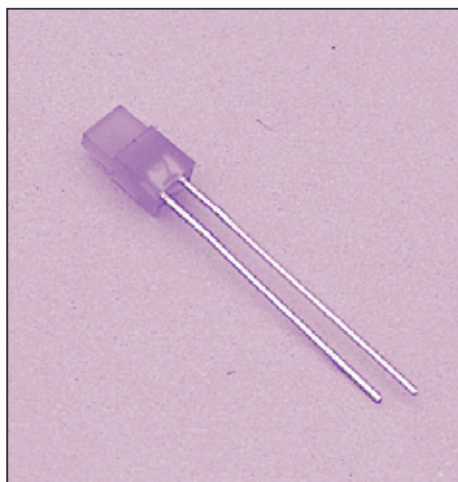
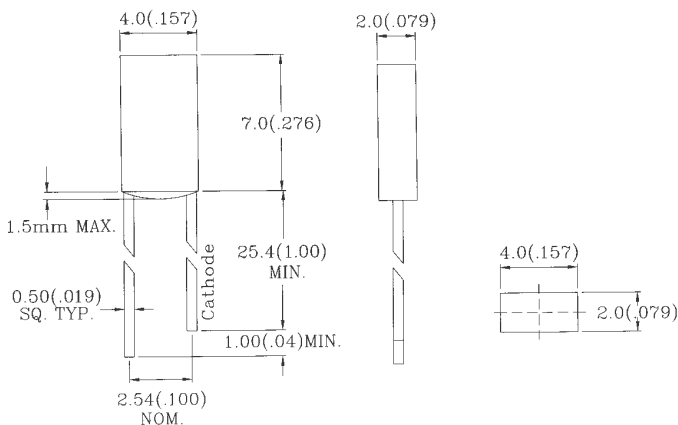
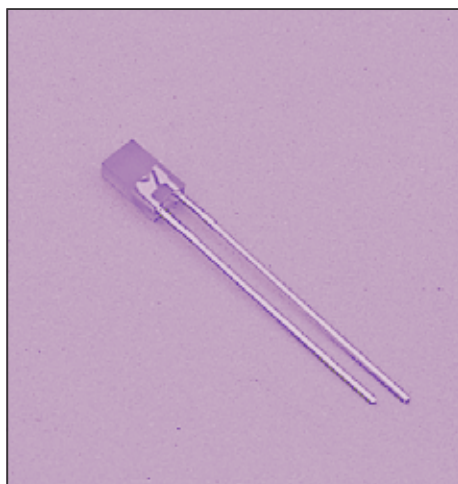


**L-4F3XX** 2.0x5.0x9.6 mm RECTANGULAR LED LAMP



Part No.	Chip		Lens Color	Wave Length λ p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		Iv(mcd)20mA	
					Typ.	Max.	Typ.	
L-4F3HD	GaP	Red	Red Diffused	700	2.3	2.8	2.5	150
L-4F3GD	GaP	Green	Green Diffused	565	2.2	2.8	5.0	150
L-4F3YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	4.0	150
L-4F3ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.1	2.8	7.0	150
L-4F3SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	12.0	150

**L-4H4XX** 2.0x4.0x7.0 mm 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		Iv(mcd)20mA	
					Typ.	Max.	Typ.	
L-4H4HD	GaP	Red	Red Diffused	700	2.3	2.8	3.0	120
L-4H4GD	GaP	Green	Green Diffused	565	2.2	2.8	6.0	120
L-4H4YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	5.0	120
L-4H4ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.1	2.8	8.0	120
L-4H4SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	15.0	120

1.All dimension are in millimeters (inches).

2.Tolerance is  $\pm 0.25$  mm (0.01") unless otherwise specified.