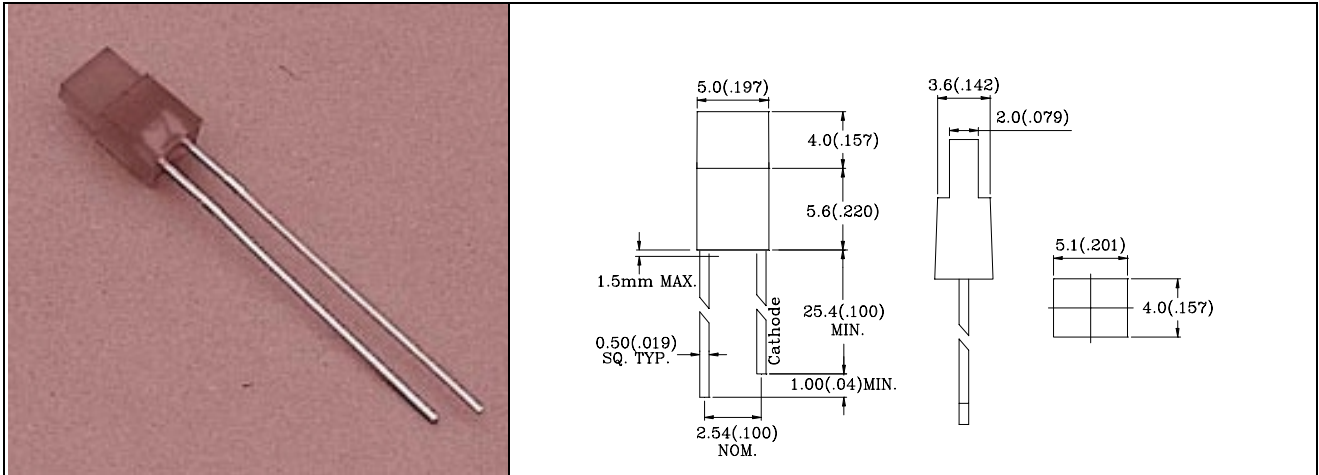


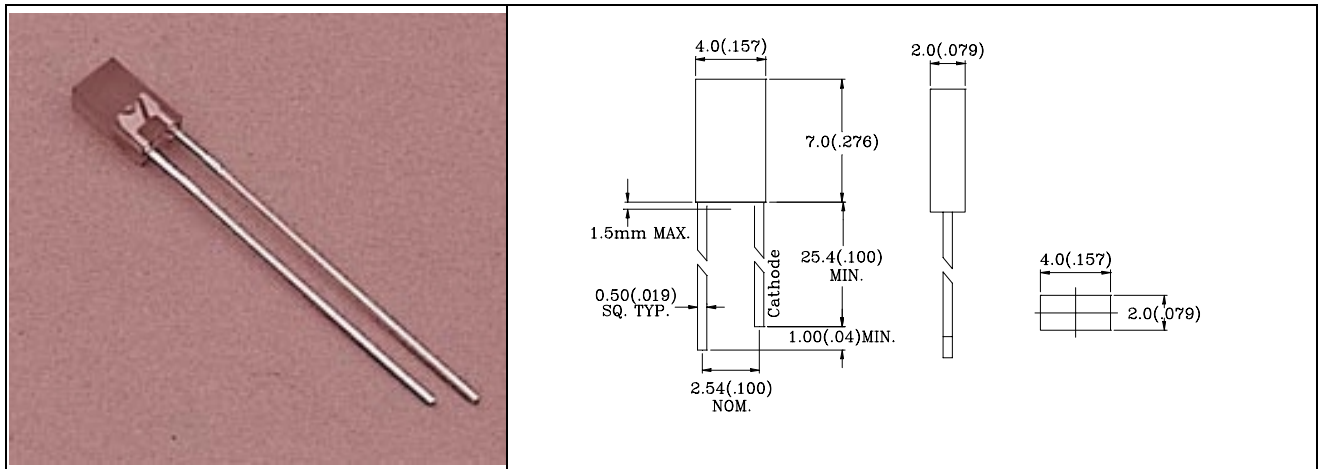


L-4F3XX 2.0x5.0x9.6mm RECTANGULAR LED LAMP



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-4F3HD	GaP	Red	Red Diffused	700	2.1	2.8	3.0	130
L-4F3GD	GaP	Green	Green Diffused	565	2.1	2.8	6.0	130
L-4F3YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	6.0	130
L-4F3ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	8.0	130
L-4F3SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	50.0	130

L-4H4XX 2.0x4.0x7.0mm 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-4H4HD	GaP	Red	Red Diffused	700	2.1	2.8	3.0	120
L-4H4GD	GaP	Green	Green Diffused	565	2.1	2.8	6.0	120
L-4H4YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	6.0	120
L-4H4ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	8.0	120
L-4H4SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	50.0	120

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