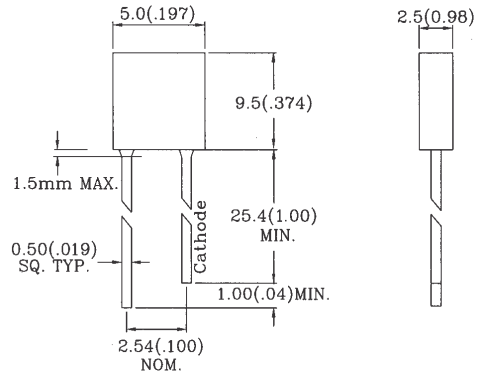
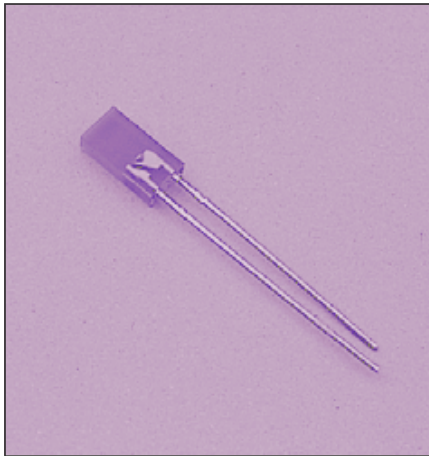
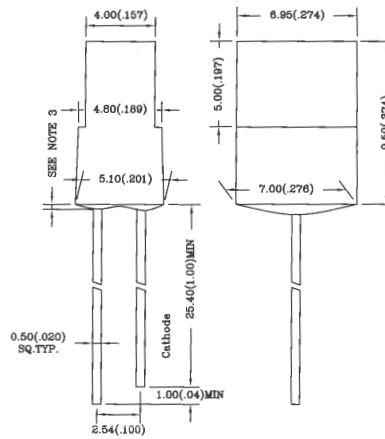
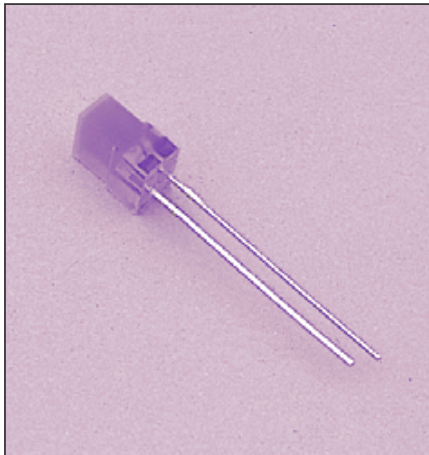


L-463XX 2.5x5.0x9.5 mm RECTANGULAR LED LAMP



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.	
					Typ.	Max.		
L-463HD	GaP	Red	Red Diffused	700	2.3	2.8	1.8	120
L-463GD	GaP	Green	Green Diffused	565	2.2	2.8	4.0	120
L-463YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	3.0	120
L-463ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.1	2.8	6.0	120
L-463SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	10.0	120

L-473XX 4.0x7.0x9.5 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.	
					Typ.	Max.		
L-473HD	GaP	Red	Red Diffused	700	2.3	2.8	1.8	150
L-473GD	GaP	Green	Green Diffused	565	2.2	2.8	4.0	150
L-473YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	3.0	150
L-473ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.1	2.8	6.0	150
L-473SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	10.0	150

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