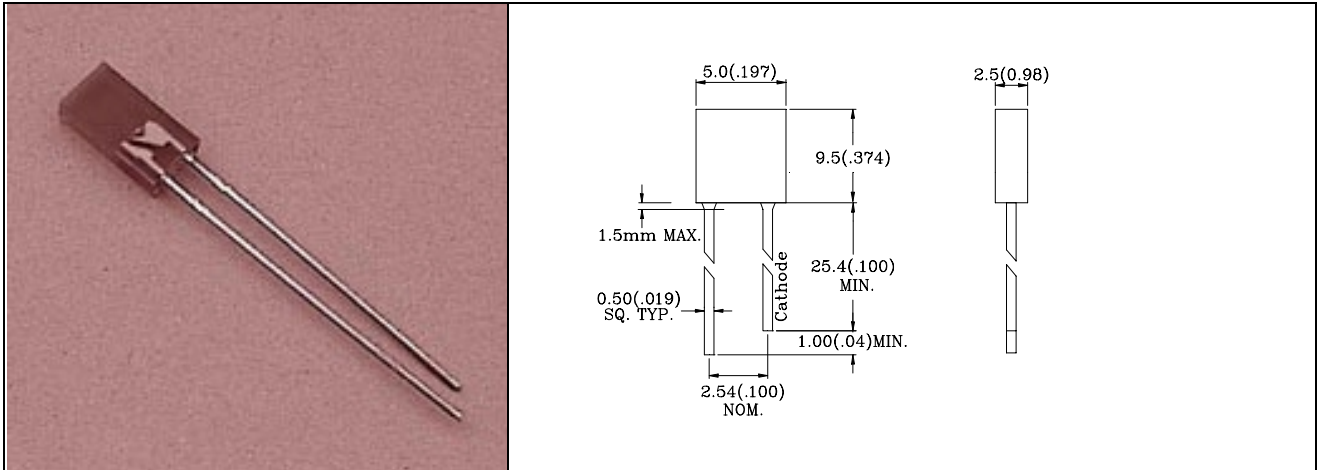
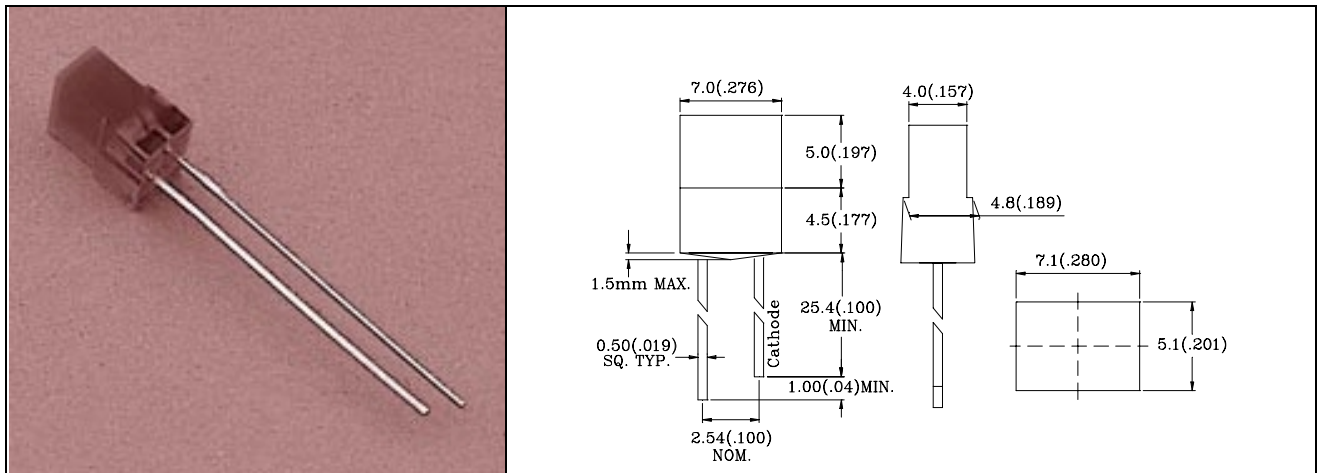


**L-463XX 2.5x5.0x9.5mm RECTANGULAR LED LAMP**



Part No.	Chip		Lens Color	Wave Length $\lambda$ p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		Iv(mcd)10mA	
					Typ.	Max.	Typ.	
L-463HD	GaP	Red	Red Diffused	700	2.1	2.8	5.0	120
L-463GD	GaP	Green	Green Diffused	565	2.1	2.8	10.0	120
L-463YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	10.0	120
L-463ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	12.0	120
L-463SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	80.0	120

**L-473XX 4.0x7.0x9.5mm RECTANGULAR LED LAMP**



Part No.	Chip		Lens Color	Wave Length $\lambda$ p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		Iv(mcd)10mA	
					Typ.	Max.	Typ.	
L-473HD	GaP	Red	Red Diffused	700	2.1	2.8	4.0	130
L-473GD	GaP	Green	Green Diffused	565	2.1	2.8	8.0	130
L-473YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	8.0	130
L-473ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	10.0	130
L-473SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	60.0	130

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