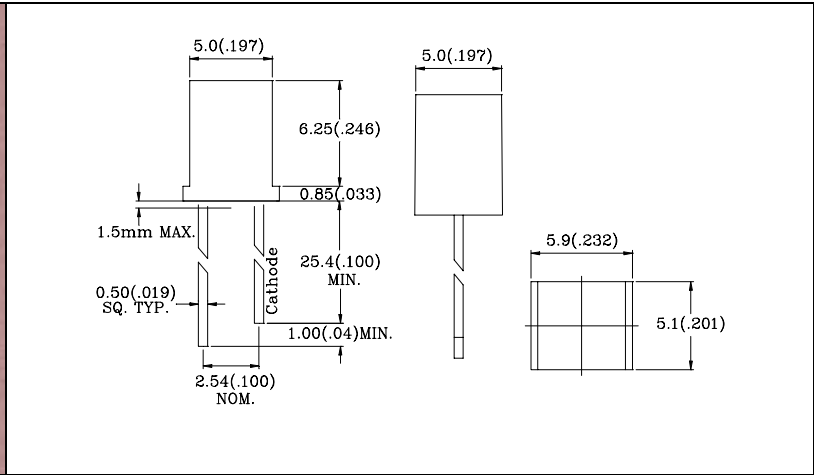
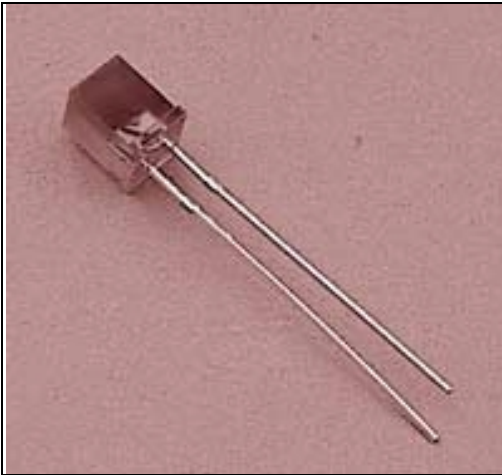


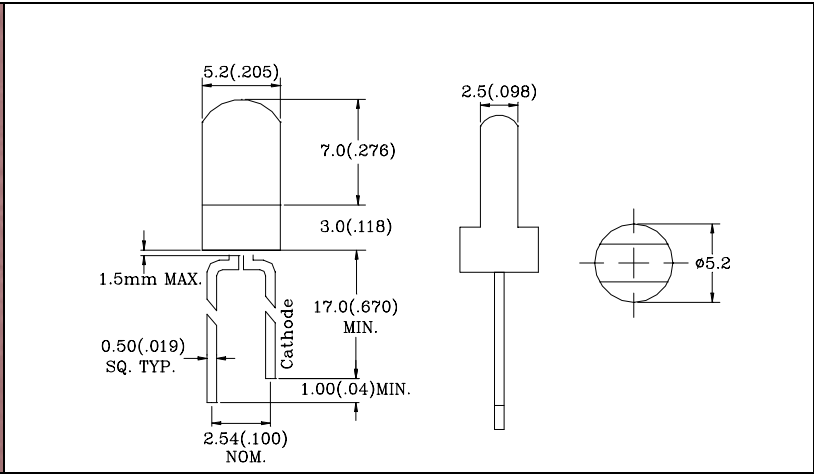
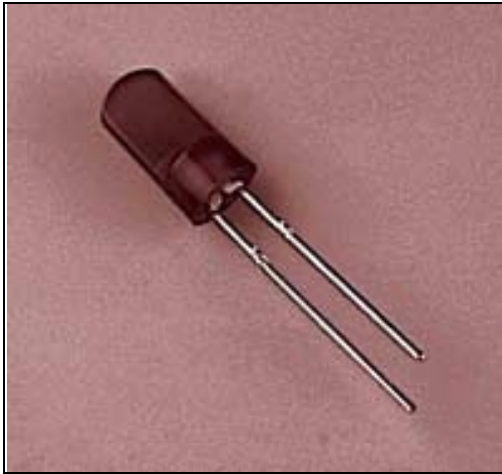


L-653XX 5.0x5.0mm SQUARE LED LAMP



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)10mA	
					Typ.	Max.	Typ.	
L-653HD	GaP	Red	Red Diffused	700	2.1	2.8	5.0	150
L-653GD	GaP	Green	Green Diffused	565	2.1	2.8	10.0	150
L-653YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	10.0	150
L-653ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	12.0	150
L-653SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	80.0	150

L-6H2XX 2.5x5.2mm 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)10mA	
					Typ.	Max.	Typ.	
L-6H2HD	GaP	Red	Red Diffused	700	2.1	2.8	4.0	100
L-6H2GD	GaP	Green	Green Diffused	565	2.1	2.8	8.0	100
L-6H2YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	8.0	100
L-6H2ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.0	2.8	15.0	100
L-6H2SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.4	80.0	100

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