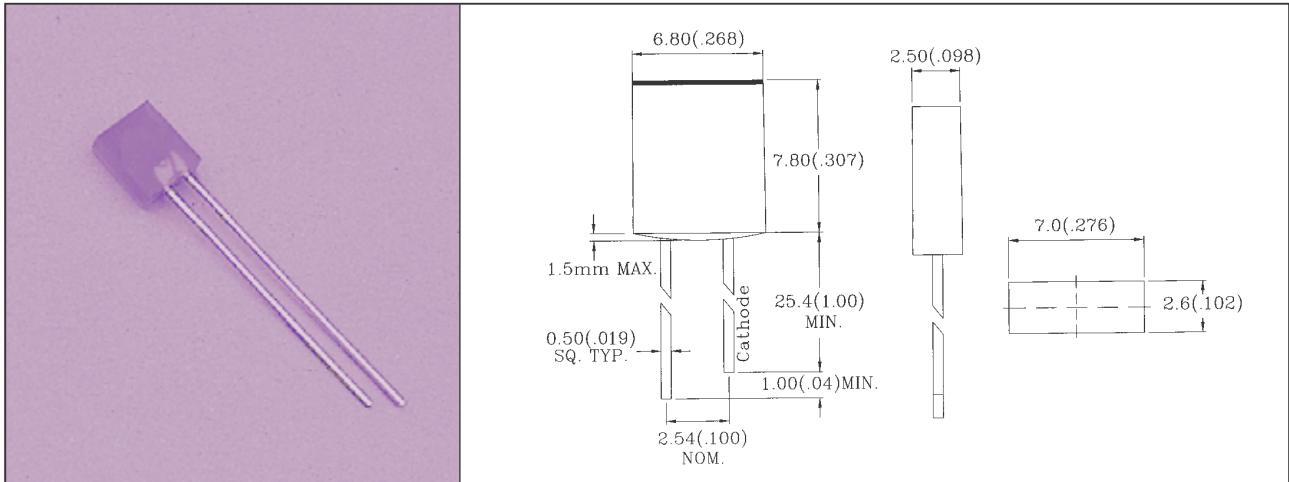
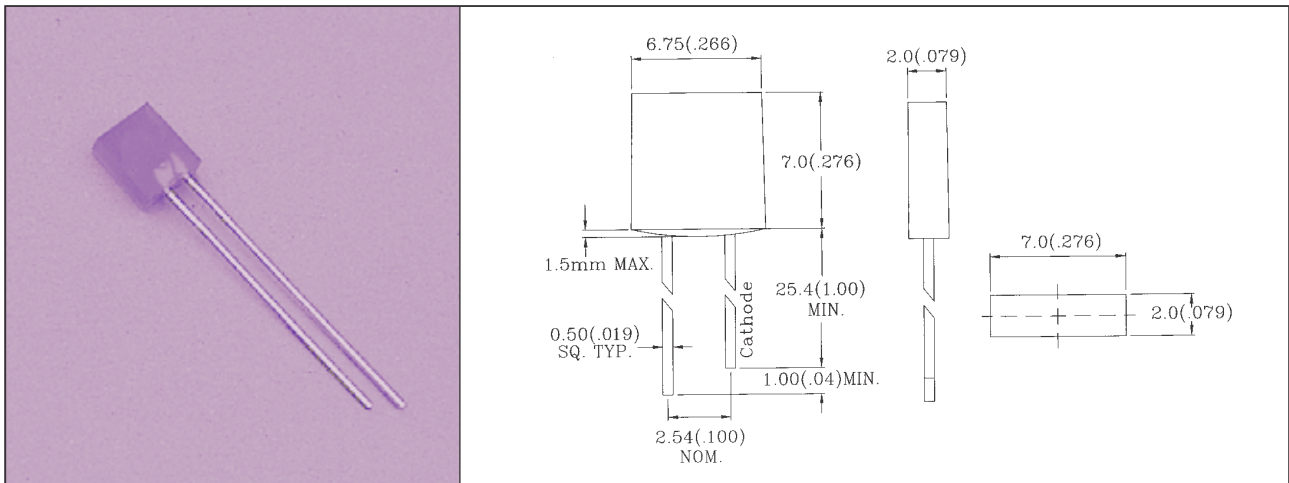


**L-423XX** 2.5x7.0x7.8 mm RECTANGULAR LED LAMP



Part No.	Chip		Lens Color	Wave Length $\lambda$ p(nm)	Electro-Optical Characteristics			View Angle (deg)
	Raw Material	Emitted Color			Vf(V)20mA		lv(mcd)20mA	
					Typ.	Max.	Typ.	
L-423HD	GaP	Red	Red Diffused	700	2.3	2.8	3.0	120
L-423GD	GaP	Green	Green Diffused	565	2.2	2.8	6.0	120
L-423YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	5.0	120
L-423ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.1	2.8	8.0	120
L-423SRD	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	18.0	120

**L-433XX** 2.5x7.0x7.0 mm 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		lv(mcd)20mA	
					Typ.	Max.	Typ.	
L-433HD	GaP	Red	Red Diffused	700	2.3	2.8	3.0	120
L-433GD	GaP	Green	Green Diffused	565	2.2	2.8	6.0	120
L-433YD	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	5.0	120
L-433ED	GaAsP/GaP	Hi. effi Red	Red Diffused	635	2.1	2.8	8.0	120
L-433SRD	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.