



Loaded quantity per reel : 1000 pcs/reel

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.	Max.	Typ.	
L-513HD-TRSH	GaP	Red	Red Diffused	700	2.3	2.8	8.0	60
L-513GD-TRSH	GaP	Green	Green Diffused	565	2.2	2.8	20.0	60
L-513YD-TRSH	GaAsP/GaP	Yellow	Yellow Diffused	585	2.1	2.8	15.0	60
L-513ED-TRSH	GaAsP/GaP	Hi.effi Red	Red Diffused	635	2.1	2.8	30.0	60
L-513SRD-TRSH	GaAlAs	Super Red	Red Diffused	660	1.8	2.2	45.0	60

1.All dimension are in millimeters (inches).

2.Tolerance is  $\pm 0.25$  mm (0.01") unless otherwise specified.