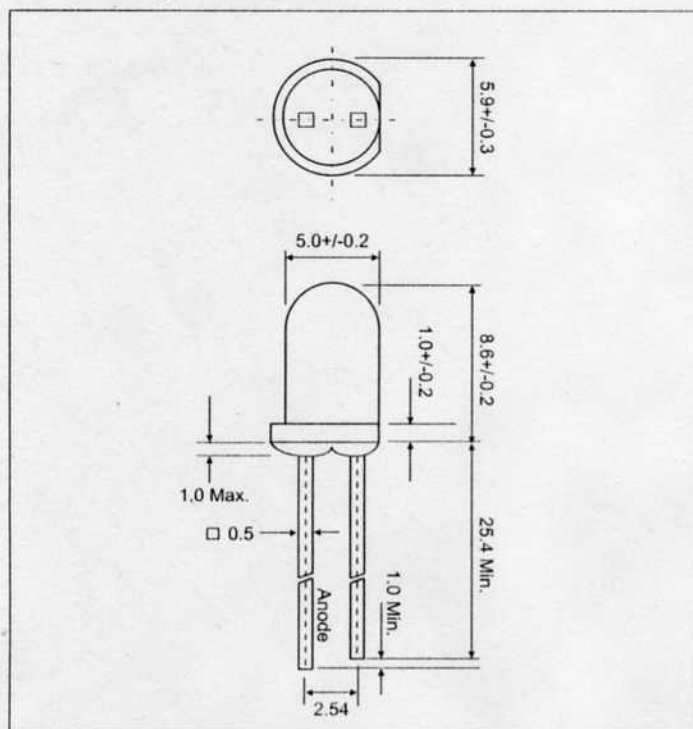


Package Dimensions :

Absolute Maximum Ratings (Ta=25° C)

Reverse Voltage	5V
Reverse Current	10 μ A
Operating Temperature Range	-40° C ~ +85° C
Storage Temperature Range	-40° C ~ +100° C
Soldering Temperature Range*	260° C

*Lead soldering temperature range (1.6mm from Body)

Test Conditions

Parameter :	Symbol	Unit	Test Condition
Reverse Voltage	V _r	volt	
Reverse Current	I _r	μ A	V _r = 5.0 volt
Forward Voltage	V _f	volt	I _f = 20 mA
Luminous Intensity	I _v	mcd	I _f = 20 mA
Viewing Angle	2 ϕ 1/2	degree	I _f = 20 mA

333 Series - 5mm Round Ultra Bright LEDs

Part Number	LED Chip			Lens Color	V _f (V) at I _f =20mA		I _v (mcd)		Viewing Angle 2 ϕ 1/2
	Material	Emitted Color	λ P (nm)		Typ.	Max.	Min.	Typ.	Max.
MT-333URC-A2	AlGaInP	Ultra Red	630	Water Clear	2.1	2.4	600	900	1200
MT-333URC-A3	AlGaInP	Ultra Red	630	Water Clear	2.1	2.4	900	1200	1500
MT-333URC-A4	AlGaInP	Ultra Red	630	Water Clear	2.1	2.4	1200	1500	1800
MT-333URC-A5	AlGaInP	Ultra Red	625	Water Clear	2.1	2.4	1500	1800	2100
MT-333UYC-A2	AlGaInP	Ultra Yellow	589	Water Clear	2.1	2.4	600	900	1200
MT-333UYC-A3	AlGaInP	Ultra Yellow	589	Water Clear	2.1	2.4	900	1200	1500
MT-333UYC-A4	AlGaInP	Ultra Yellow	589	Water Clear	2.1	2.4	1200	1500	1800
MT-333UYC-A5	AlGaInP	Ultra Yellow	591	Water Clear	2.1	2.4	1500	1800	2100
MT-333UGC-A2	AlGaInP	Ultra Green	575	Water Clear	2.1	2.4	250	350	450
MT-333UGC-A3	AlGaInP	Ultra Green	575	Water Clear	2.1	2.4	350	450	600
MT-333UOC-A2	AlGaInP	Ultra Orange	610	Water Clear	2.1	2.4	600	900	1200
MT-333UOC-A3	AlGaInP	Ultra Orange	610	Water Clear	2.1	2.4	900	1200	1500
MT-333UOC-A4	AlGaInP	Ultra Orange	610	Water Clear	2.1	2.4	1200	1500	1800
MT-333UOC-A5	AlGaInP	Ultra Orange	610	Water Clear	2.1	2.4	1500	1800	2100

Notes :

1. Lead spacing is measured where the leads emerge from the package
2. Protruded resin under flange 1.5mm(0.059") Max.
3. All dimensions are in millimeters.
4. Tolerance is 0.25mm unless otherwise noted.