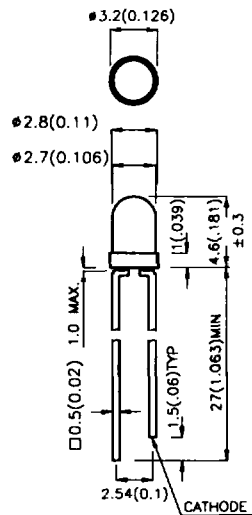


Sun Super Bright LEDs

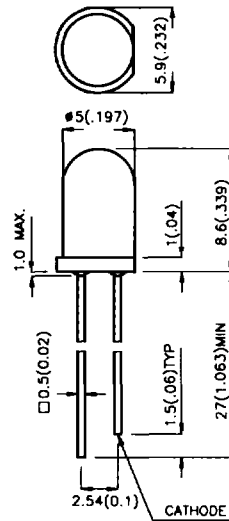


Type	Part Number	Emitting Color	Emitting Material	Lens-Color	Wave Length (nm)	Luminous Intensity IF=20mA (mcd) Min. Max.	Viewing Angle	Figure No.
3mm / Round	LMR32DB	Red	GaAlAs	Red Diffused	660	70 - 90	60°	1
	LMR32DC	Red	GaAlAs	Red Diffused	660	90 - 100	60°	
	LMR32DD	Red	GaAlAs	Red Diffused	660	100 - 200	60°	
	LMR32DE	Red	GaAlAs	Red Diffused	660	200 - 300	60°	
	LMR32DF	Red	GaAlAs	Red Diffused	660	300 - 400	60°	
	LMR32DG	Red	GaAlAs	Red Diffused	660	400 - 600	60°	
	LMR32WB	Red	GaAlAs	Water Clear	660	250 - 360	50°	
	LMR32WC	Red	GaAlAs	Water Clear	660	360 - 500	50°	
	LMR32WD	Red	GaAlAs	Water Clear	660	500 - 700	50°	
	LMR32WE	Red	GaAlAs	Water Clear	660	700 - 1000	50°	
	LMR32WF	Red	GaAlAs	Water Clear	660	1000 - 1200	50°	
	LMR32WG	Red	GaAlAs	Water Clear	660	1200 - 1400	50°	
LMG32D	Green	GaP	Green Diffused	565	40 - 60	60°		
LMG32W	Green	GaP	Water Clear	565	100 - 300	50°		
5mm / Round	LMR53DB	Red	GaAlAs	Red Diffused	660	90 - 110	60°	2
	LMR53DC	Red	GaAlAs	Red Diffused	660	110 - 200	60°	
	LMR53DD	Red	GaAlAs	Red Diffused	660	200 - 300	60°	
	LMR53DE	Red	GaAlAs	Red Diffused	660	300 - 500	60°	
	LMR53DF	Red	GaAlAs	Red Diffused	660	500 - 700	60°	
	LMR53DG	Red	GaAlAs	Red Diffused	660	700 - 1000	60°	
	LMR53WA	Red	GaAlAs	Water Clear	660	300 - 400	30°	
	LMR53WB	Red	GaAlAs	Water Clear	660	400 - 500	30°	
	LMR53WC	Red	GaAlAs	Water Clear	660	500 - 1000	30°	
	LMR53WD-U	Red	GaAlAs	Water Clear	660	1000 - 1300	30°	
	LMR53WD-V	Red	GaAlAs	Water Clear	660	1300 - 1600	30°	
	LMR53WD-W	Red	GaAlAs	Water Clear	660	1600 - 2000	30°	
	LMR53WE	Red	GaAlAs	Water Clear	660	2000 - 3500	30°	
	LMG53D	Green	GaP	Green Diffused	565	20 - 60	60°	
LMG53W	Green	GaP	Water Clear	565	100 - 300	30°		
5mm / Round	LMR50D	Red	GaAlAs	Red Diffused	660	100 - 500	60°	3
	LMR50WC	Red	GaAlAs	Water Clear	660	500 - 1000	30°	
	LMR50WD	Red	GaAlAs	Water Clear	660	1000 - 2000	30°	
	LMR50WE	Red	GaAlAs	Water Clear	660	2000 - 3500	30°	
	LMG50W	Green	GaP	Water Clear	565	100 - 300	30°	
LMG50C	Green	GaP	Green Transparent	565	100 - 200	30°		

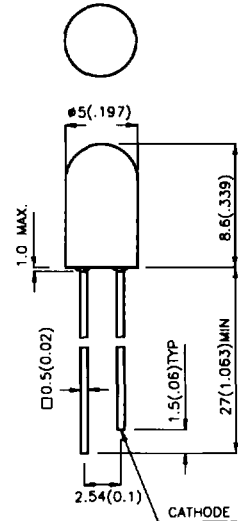
●Fig.1



●Fig.2



●Fig.3



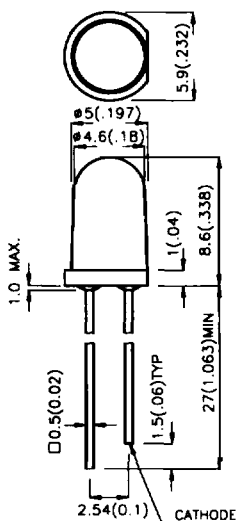
Tolerance : ±0.25 (0.01)
Unit : mm (inch)



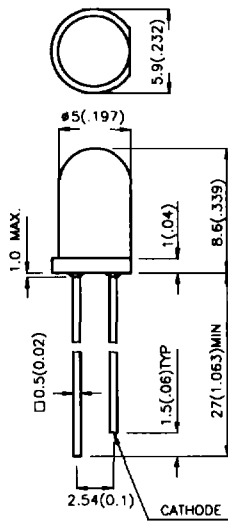
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Type	Part Number	Emitting Color	Emitting Material	Lens-Color	Wave Length (nm)	Luminous Intensity (mcd) IF=20mA		Viewing Angle	Figure No.
						Min.	Max.		
5mm / Round	LMR51D	Red	GaAlAs	Red Diffused	660	100 - 500		30°	4
	LMR51WC	Red	GaAlAs	Water Clear	660	500 - 1000		20°	
	LMR51WD	Red	GaAlAs	Water Clear	660	1000 - 2000		20°	
	LMR51WE	Red	GaAlAs	Water Clear	660	2000 - 3500		20°	
	LMG51W	Green	GaP	Water Clear	565	100 - 300		20°	
	LMG51C	Green	GaP	Green Transparent	565	100 - 200		20°	
5mm / Round	LMR64WA	Red	GaAlAs	Water Clear	660	150 - 250		50°	5
	LMR64WB	Red	GaAlAs	Water Clear	660	250 - 350		50°	
	LMR64WC	Red	GaAlAs	Water Clear	660	350 - 450		50°	
	LMR64WD	Red	GaAlAs	Water Clear	660	450 - 600		50°	
	LMR64WE	Red	GaAlAs	Water Clear	660	1000 - 2500		50°	
	LMG64W	Green	GaP	Water Clear	565	70 - 300		50°	
8mm / Round	LMR81DB	Red	GaAlAs	Red Diffused	660	120 - 200		60°	6
	LMR81DC	Red	GaAlAs	Red Diffused	660	200 - 350		60°	
	LMR81DD	Red	GaAlAs	Red Diffused	660	350 - 450		60°	
	LMR81DE	Red	GaAlAs	Red Diffused	660	450 - 550		60°	
	LMR81DF	Red	GaAlAs	Red Diffused	660	550 - 650		60°	
	LMR81DG	Red	GaAlAs	Red Diffused	660	650 - 800		60°	
	LMR81WB	Red	GaAlAs	Water Clear	660	500 - 1000		40°	
	LMR81WC	Red	GaAlAs	Water Clear	660	1000 - 1600		40°	
	LMR81WD	Red	GaAlAs	Water Clear	660	1600 - 2000		40°	
	LMR81WE	Red	GaAlAs	Water Clear	660	2000 - 3000		40°	
10mm / Round	LMR10DB	Red	GaAlAs	Red Diffused	660	120 - 200		60°	7
	LMR10DC	Red	GaAlAs	Red Diffused	660	200 - 350		60°	
	LMR10DD	Red	GaAlAs	Red Diffused	660	350 - 450		60°	
	LMR10DE	Red	GaAlAs	Red Diffused	660	450 - 550		60°	
	LMR10DF	Red	GaAlAs	Red Diffused	660	550 - 650		60°	
	LMR10DG	Red	GaAlAs	Red Diffused	660	650 - 800		60°	
	LMR10WB	Red	GaAlAs	Water Clear	660	500 - 1000		40°	
	LMR10WC	Red	GaAlAs	Water Clear	660	1000 - 1600		40°	
	LMR10WD	Red	GaAlAs	Water Clear	660	1600 - 2000		40°	
	LMR10WE	Red	GaAlAs	Water Clear	660	2000 - 3000		40°	

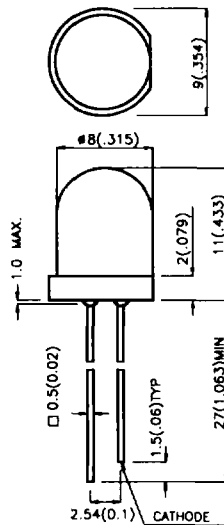
●Fig.4



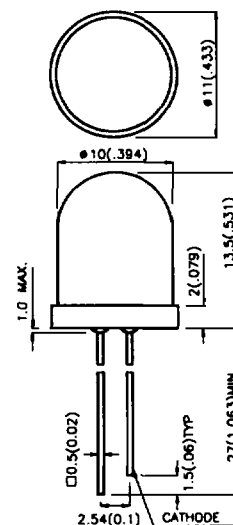
●Fig.5



●Fig.6



●Fig.7



Tolerance : ±0.25 (0.01)
Unit : mm (inch)