



SINGLE COLOR LED

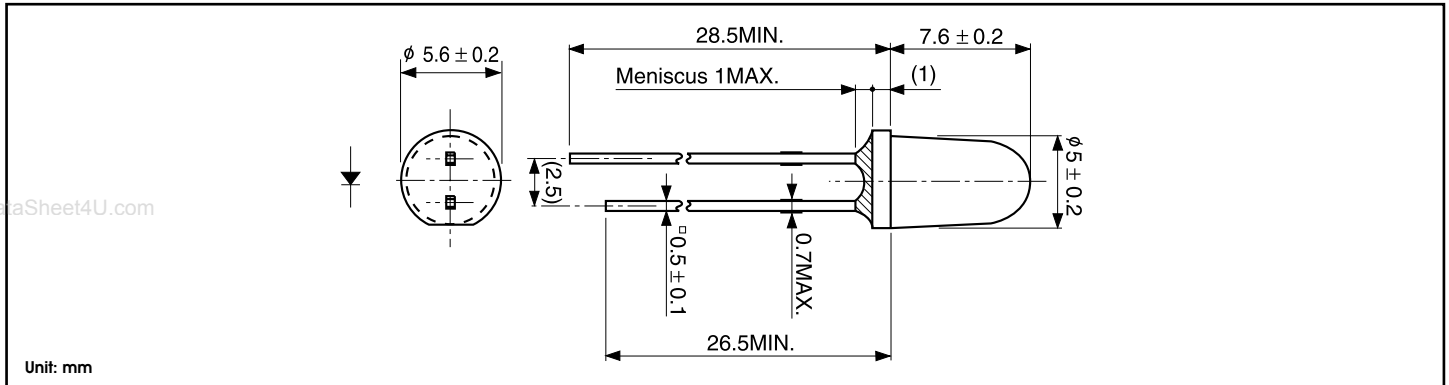
5mm Round Shape



5334S Series

STANDARD COLOR

Outline Dimensions



Absolute Maximum Ratings

(Ta=25°C)

Item	Symbol	Red			Orange	Yellow	Yellow Green	Green	Pure Green	Units
		EBR, BR	PR	EVR, VR	EAA, AA	EAY, AY	EPY, PY	EPG, PG	EBG, BG	
Power Dissipation	Pd	100	75	75	125	125	125	125	125	mW
Forward Current	If	50	30	30	50	50	50	50	50	mA
Peak Forward Current	Ifm	300	100	100	100	100	100	100	100	mA
Reverse Voltage	VR	4	4	4	4	4	4	4	4	V
Operating Temperature	Topr	-30 to +85								°C
Storage Temperature	Tstg	-30 to +100								°C
Derating (DC)*	If	0.67	0.33		0.67					mA/°C

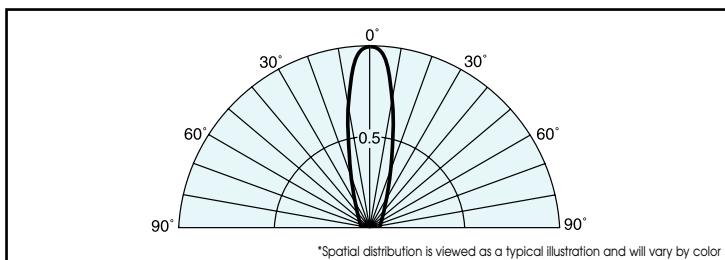
* Ta=25°C, Ifm applies for the pulse width 1 msec. and duty cycle 1/20. The current derating for operation applies when the temperature is above 25°C

Electro-Optical Characteristics

*The viewing angle is an average and will vary by color (Ta=25°C)

Part No.	Material	Emitted Color	Lens Color	Luminous Intensity Iv			Wavelength Spectral Line				Forward Voltage Vf			Reverse Current Ir		Viewing Angle (2 1/2)
				MIN.	TYP.	If	Peak P TYP.	Dominant		Half Width	TYP.	MAX.	If	MAX.	Vr	
								d	λ							
EBR/BR5334S	GaAlAs	Red	Diffused Red	20/10	30/20	20	660	647	30	20	1.7	2.0	20	100	4	30°
PR5334S	GaP			3	6	10	700	635	100	10	2.1	2.5	10	100	4	
EVR/VR5334S	GaAsP			16/8	24/16	20	630	624	30	20	2.0	2.5	20	100	4	
EAA/AA5334S	GaAsP	Orange	Diffused Orange	16/8	24/16	20	605	606	30	20	2.2	2.5	20	100	4	
EAY/AY5334S	GaAsP	Yellow	Diffused Yellow	16/8	24/16	20	580	590	30	20	2.2	2.5	20	100	4	
EPY/PY5334S	GaP	Yellow Green		30/15	45/30	20	570	572	30	20	2.1	2.5	20	100	4	
EPG/PG5334S	GaP	Green	Diffused Green	24/12	36/24	20	560	567	30	20	2.1	2.5	20	100	4	
EBG/BG5334S	GaP	Pure Green		10/5	15/10	20	555	558	30	20	2.1	2.5	20	100	4	
Units				mcd	mA		mcd		mA	V	mA	μA	V	Deg.		

Spatial Distribution (x)



Operation Current Derating Chart

