

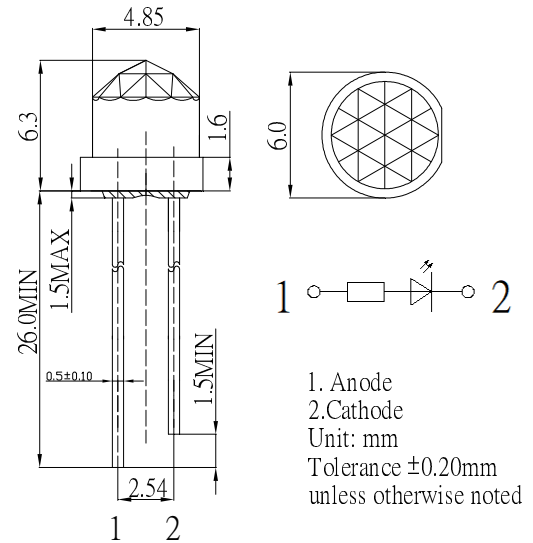
■ Features

- High Luminous LEDs
- 4.85mm Diamond Standard Directivity
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 12 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- Water Clear Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

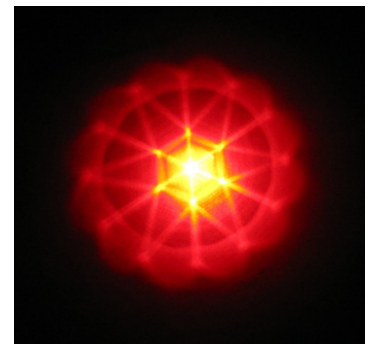


■ Absolute Maximum Rating

(Ta=25°C)








Item	Symbol	Value	Unit
DC Forward Voltage	V _F	15	V
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	225	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-30~ +85	°C
Lead Soldering Temperature	Tsol	260°C /5sec	-

■ Directivity



■ Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color			I _F (mA)			I _v (mcd)*			λD(nm)*			2θ1/2(deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				V _F =12V			V _F =12V						
OSW5DKEDD1A-12V	White	W		-	10	15	1560	2180	-	X=0.27, Y=0.28(8500-18000K)			-
OSM5DKEDD1A-12V	Warm White	M		-	10	15	1120	1560	-	X=0.44, Y=0.41(2700-3200K)			-
OSK5DKEDD1A-12V	Pink	K		-	10	15	500	750	-	X:0.45 Y:0.17			-
OSB5SAEDD1A-12V	Blue	B		-	10	15	750	1120	-	465	470	475	-
OSG5DAEDD1A-12V	Pure Green	PG		-	10	15	1560	2180	-	520	525	530	-
OSY5PAEDD1A-12V	Yellow	Y		-	10	15	750	1120	-	585	590	595	-
OSO5PAEDD1A-12V	Orange	O		-	10	15	750	1120	-	600	605	610	-
OSR5PAEDD1A-12V	Red	R		-	10	15	750	1120	-	620	625	630	-

*1 Tolerance of measurements of chromaticity coordinate is ±10%

*2 Tolerance of measurements of luminous intensity is ±15%

*3 Tolerance of measurements of dominant wavelength is +1nm