

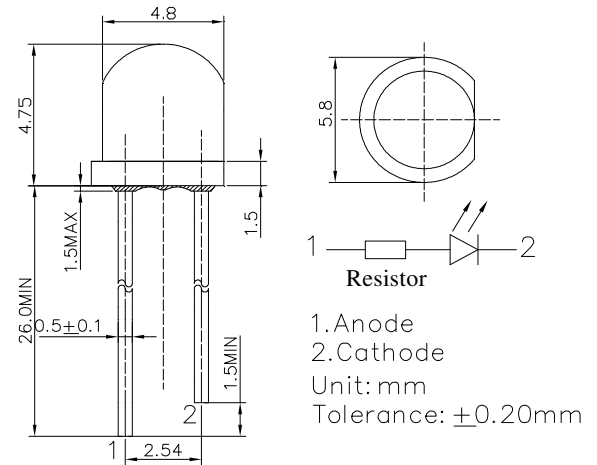
■ Features

- High Luminous LEDs
- 4.8mm Straw Standard Directivity
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 5 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- Water Clear Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

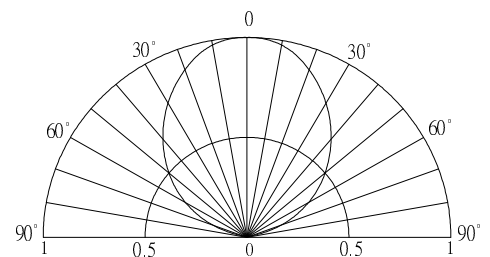


■ Absolute Maximum Rating

(Ta=25°C)








Item	Symbol	Value	Unit
DC Forward Voltage	V _F	7.5	V
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	150	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°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 =5V			V _F =5V						
OSW5DK56A1A-5V	White	W		-	12	20	750	1120	-	X=0.27, Y=0.28(CCT:8500-18000K)			100
OSM5DK56A1A-5V	Warm White	M		-	12	20	500	750	-	X=0.45, Y=0.41(CCT:2700-3300K)			100
OSK5DK56A1A-5V	Pink	K		-	12	20	220	330	-	X=0.45, Y=0.17			100
OSB5SA56A1A-5V	Blue	B		-	12	20	500	750	-	465	470	475	100
OSG5DA56A1A-5V	Pure Green	TG		-	12	20	750	1120	-	520	525	530	100
OSG8HA56A1A-5V	Yellow Green	G		-	12	20	45	68	-	565	570	575	100
OSY5RU56A1A-5V	Yellow	Y		-	12	20	150	220	-	585	590	595	100
OSO5JA56A1A-5V	Orange	O		-	12	20	150	220	-	600	605	610	100
OSR5RU56A1A-5V	Red	R		-	12	20	150	220	-	620	625	630	100

*1 Tolerance of measurements of Domi. wavelength is ±1nm
 *2 Tolerance of measurements of chromaticity coordinates is ±10%
 *3 Tolerance of measurements of luminous intensity is ±15%
 *4 Tolerance of measurements of forward voltage is ±0.1V

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