

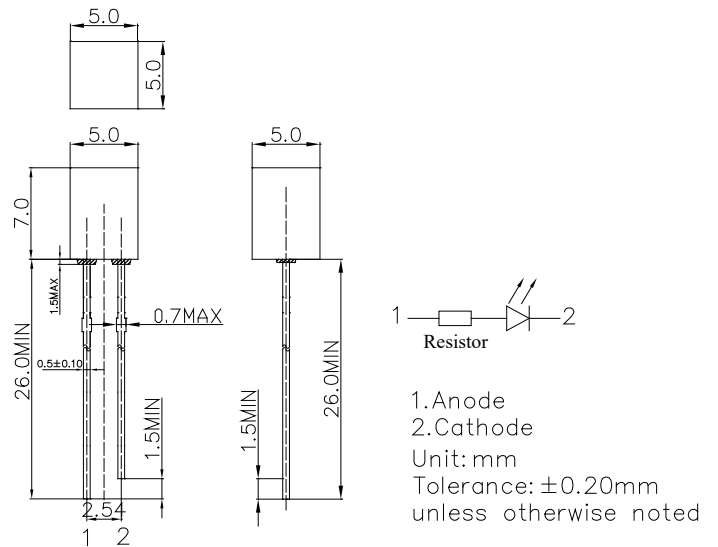
■ Features

- High Luminous LEDs
- 5x5x7mm 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

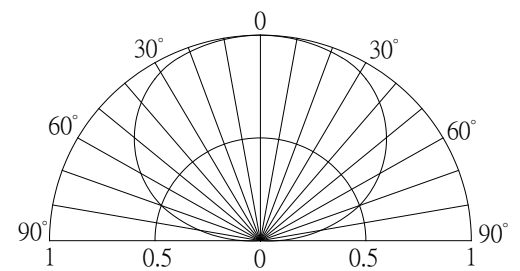


■ Absolute Maximum Rating

(Ta=25°C)







Item	Symbol	Value	Unit
DC Forward Voltage	V _F	15	V
Reverse Voltage	V _R	12	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						
OSW5DK7NE1B-12V	White	W		-	10	15	750	1120	-	X=0.27, Y=0.28(8500-18000K)			140
OSM5DK7NE1B-12V	Warm White	M		-	10	15	750	1120	-	X=0.44, Y=0.41(2700-3300K)			140
OSB5SA7NE1B-12V	Blue	B		-	10	15	220	330	-	465	470	475	140
OSG5DA7NE1B-12V	Pure Green	PG		-	10	15	750	1120	-	520	525	530	140
OSYPA7NE1B-12V	Yellow	Y		-	10	15	500	750	-	585	590	595	140
OSO5PA7NE1B-12V	Orange	O		-	10	15	500	750	-	600	605	610	140
OSR5PA7NE1B-12V	Red	R		-	10	15	500	750	-	620	625	630	140

*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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Standard LEDs - Through Hole category:](#)

Click to view products by [Optosupply manufacturer:](#)

Other Similar products are found below :

[LTL-10234W](#) [LTL-10254W](#) [LTL-1214A](#) [LTL-2231AT](#) [LTL2H3HRKL13](#) [LTL-3251A](#) [LTL-4262N](#) [LTL-5234](#) [LTL87HTBK](#) [LTW-87HD4B](#) [LNX998CKBDA](#) [LP379PPG1C0G0300001](#) [SLR-342DUT32](#) [SLR-342VCTB7](#) [SLR343BCTT32](#) [SLX-LX3044GD](#) [SLX-LX3044ID](#) [SLX-LX3044YD](#) [SSS-LX4673ID-410B](#) [1L0532Y24I0TD001](#) [264-7SYGD/S530-E2](#) [HLMP1385](#) [LTL-10224W](#) [LTL-1224A](#) [LTL-1BEHJ-012](#) [LTL-307YE-012](#) [LU7-E-B](#) [4380H1](#) [TLHY44K1L2](#) [484-10SYGT/S530-E2](#) [339-9SUGSURSUBC/S1182](#) [L53SRC/E-Z](#) [L-7679C1ZGC](#) [4302T1-5V](#) [4306D23](#) [4363D1/5](#) [WP1503SRC/J4](#) [WP153GDT](#) [WP153YDT](#) [WP1543SGC](#) [WP1543SURC](#) [WP7113MBD](#) [WP7113MGC](#) [WP7143SEC/H](#) [Z-221A](#) [ZD0172](#) [SLR-332MCT32](#) [SLR-342DU3F](#) [SLR-56MCT32](#) [NSPL500S-F1F2/RS](#)