

Features

- 10*10mm Light Bar
- Long Lifetime Operation
- IC Compatible
- Low Power Dissipation
- Color Diffused Type

■ Applications

- General Lighting

■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	30	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _t	75	mW
Operating Temperature	T _{opr}	-30 ~ +70	°C
Storage Temperature	T _{stg}	-40~ +85	°C
Lead Soldering Temperature(1.6mm from seating plane)	T _{sol}	260°C/5sec	°C

#Pulse width Max.10ms Duty ratio max 1/10

■ Electrical -Optical Characteristics (Ta=25°C)

Part Number	Color		V _F (V)*			I _R (μA)	I _v (mcd)*			λD(nm)*			50% Power Angle
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
			I _F =20mA			V _R =5V	I _F =20mA						I _F =20mA
OSX10101-AYG(BYG)	Yellow Green		1.8	2.1	2.5	20	25	35	-	565	570	575	120
OSX10101-AY(BY)	Yellow		1.8	2.1	2.5	20	50	60	-	585	590	595	120
OSX10101-AR(BR)	Red		1.8	2.1	2.5	20	40	60	-	630	640	650	120

*1 Tolerance of measurements of Domi. wavelength is ±1nm

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

*3 Tolerance of measurements of forward voltage is ±0.1V

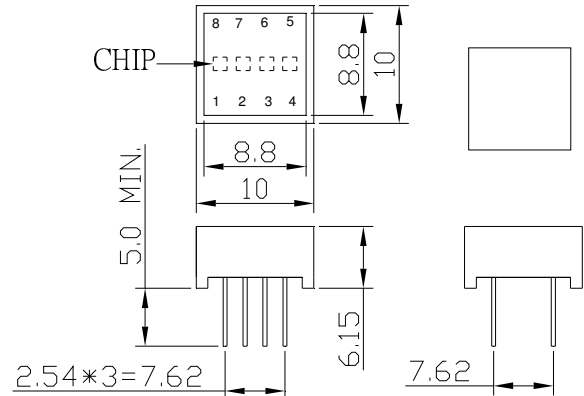
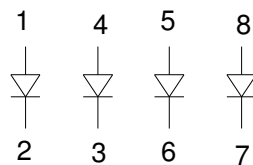
■ Package Dimensions and Pin Function

OSX10101-AX

Note:

1, Unit : mm (Tolerance: ± 0.25 mm unless otherwise noted)

2, The slope angle of any PIN may be $\pm 5.0^\circ$ Max



OSX10101-BX

Note:

1, Unit : mm (Tolerance: ± 0.25 mm unless otherwise noted)

2, The slope angle of any PIN may be $\pm 5.0^\circ$ Max

