

■ **Features**

- 20\*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 <sub>F</sub>	30	mA
Pulse Forward Current#	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>t</sub>	75	mW
Operating Temperature	Topr	-30 ~ +70	°C
Storage Temperature	Tstg	-40~ +85	°C
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260°C/5sec	°C

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

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

Part Number	Color	V <sub>F</sub> (V)*			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)*			λD(nm)*		
		Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
		I <sub>F</sub> =20mA			V <sub>R</sub> =5V	I <sub>F</sub> =20mA					
OSX20101-BYG	Yellow Green 	1.8	2.1	2.6	20	-	30	-	565	570	575
OSX20101-BY	Yellow 	1.8	2.1	2.6	20	-	70	-	585	590	595
OSX20101-BR	Red 	1.8	2.1	2.6	20	-	70	-	620	625	630

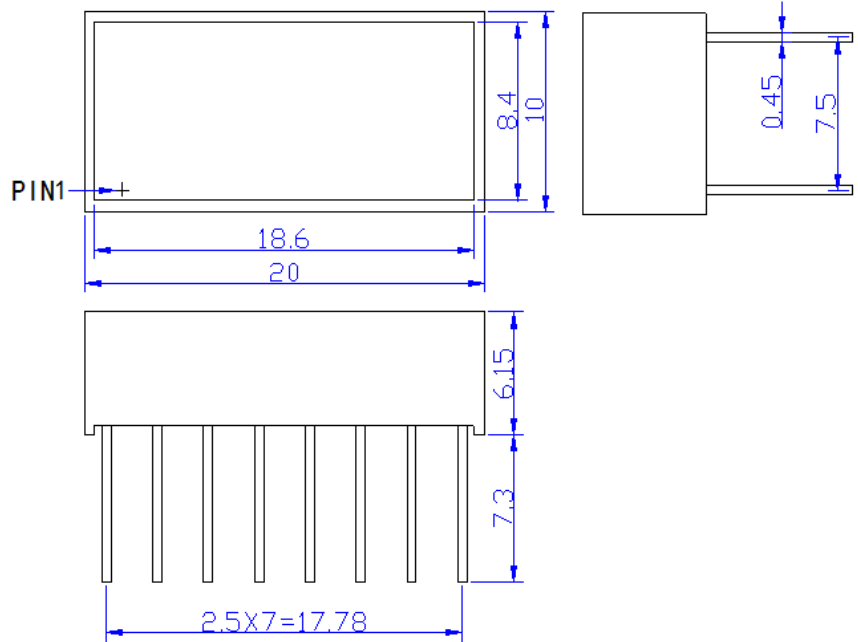
\*1 Tolerance of measurements of Domi. wavelength is ±1nm

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

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

■ Package Dimensions and Pin Function

**OSX20101-BX**



Note:  
1, Unit : mm( Tolerance:±0.25mm unless otherwise noted)  
2, The slope angle of any PIN may be±5.0°Max

