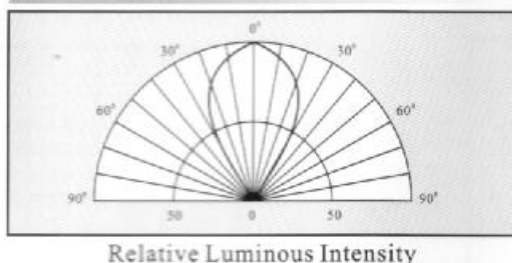


Characters

- Viewing angle 60 deg

Directive characteristics (Ta=25°C)

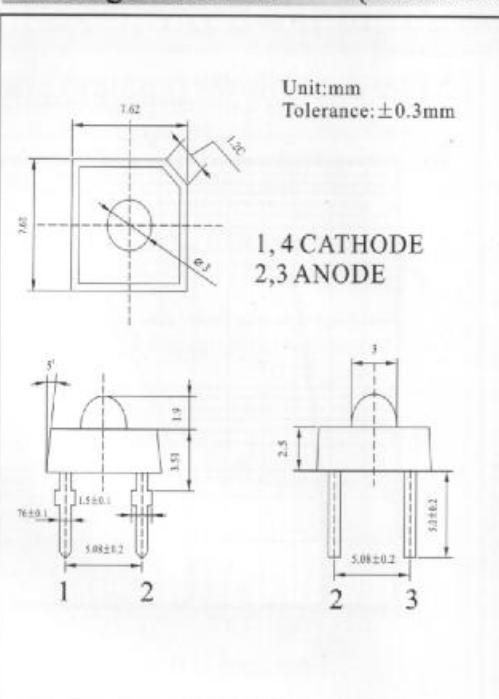


Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	75	mA
Pulse Forward Current	I_{FP}	100*1	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	T_{opr}	-30~+85	°C
Storage Temperature	T_{stg}	-30~+100	°C

*1 Duty 1/10 Pulse Width 10 ms

Package Outlines (Unit:mm)



Electrical and Optical Characteristics

Part Number*2	Emitting Color	Lens Type	Forward Voltage VF(V)		Dominant Wavelength λ d (nm)*4		Luminous Intensity Iv (mcd)*3		Reverse Current IR (μ A) AT VR=5V	
			Working Current:IF=20mA							
			Typ.	Max.	Typ.	Max.	Typ.	Max.		
OSYL7161D	Yellow	Water Clear	2.0	2.4	585	595	1500	2500	<10	
OSOR7161D	Orange	Water Clear	2.0	2.4	600	610	1500	2500	<10	
OSHR7161D	Red	Water Clear	2.0	2.4	625	630	1500	2500	<10	

*2 See table for Luminous Intensity Ranks

*3 Axial Direction (Luminous Intensity)

*4 Devices are sorted by 5nm wavelength ranges

*5 Other types please refer to photo

Package

Bulk.....	100pieces/bag	(Code No.1)
Bulk.....	200pieces/bag	(Code No.2)
Bulk.....	500pieces/bag	(Code No.5)
Bulk.....	1000pieces/bag	(Code No.6)

*5

