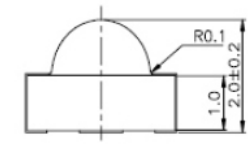
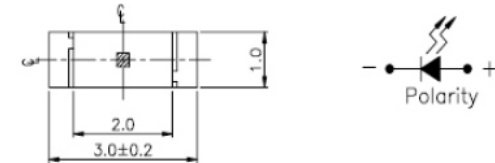
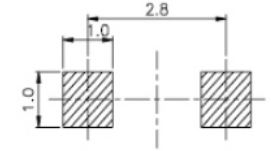
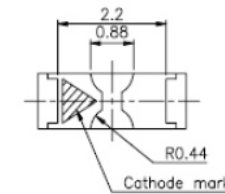


### Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Rating	Unit
Reverse Voltage	V <sub>R</sub>	5	V
Forward Current	I <sub>F</sub>	25	mA
Operating Temperature	T <sub>opr</sub>	-40 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40~ +90	°C
Soldering Temperature	T <sub>sol</sub>	260 (for 5 second)	°C
Electrostatic Discharge	ESD	2000	V
Power Dissipation	P <sub>d</sub>	60	mW
Peak Forward Current (Duty 1/10 @1KHz)	I <sub>F</sub>	160	mA



For reflow soldering (propose)



Notes: Tolerances Unless Dimension  $\pm 0.1\text{mm}$  , Angle  $\pm 0.5^\circ$  ,Unit = mm



PART NO. **LED-WRD-20**

DWG NO. **LED-WRD-20**

CHECKED BY CY

TOLERANCES ARE

DESCRIP TION:

FILE NO.

DRAWING BY

.X  $\pm 0.2$   
.XX  $\pm$   
.XXX  $\pm$   
AWG

AREA

REVISIONS

HK

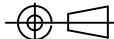
DATE

煜倫股份有限公司

UNIT / mm

SCALE 1:1

PROJECTION



## Device Selection Guide

Chip		Lens Color
Material	Emitted Color	
AlGaInP	Hyper Red	Water Clear

## Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	I <sub>v</sub>	75	115		mcd	I <sub>F</sub> =20 mA
Viewing Angle	2θ 1/2	-----	120	-----	deg	I <sub>F</sub> =20mA
Peak Wavelength	λ <sub>p</sub>	-----	632	-----	nm	I <sub>F</sub> =20mA
Dominant Wavelength	λ <sub>d</sub>	-----	624	-----	nm	I <sub>F</sub> =20mA
Spectrum Radiation Bandwidth	Δλ	-----	20	-----	nm	I <sub>F</sub> =20mA
Forward Voltage	V <sub>F</sub>	-----	2.0	2.4	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>	-----	-----	10	μA	V <sub>R</sub> =5V

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

PART NO. **LED-WRD-20**

DWG NO. **LED-WRD-20**

CHECKED BY CY

TOLERANCES ARE

.X ± 0.2  
.XX ±  
.XXX ±  
AWG

DESCRIPTION:

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SCALE 1:1

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