



# YETDA INDUSTRY LTD.

## 0.56" DUAL DIGIT GREEN LED DISPLAY

### D-5621AGF11

#### DESCRIPTION

- \* 0.56" (14.20mm) Inch Digit Height.
- \* Green Emitting Color.
- \* Black Face and White Segment Color.
- \* Common Cathode.

#### ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Seg.	40	mW
Peak Forward Current Per Seg	120	mA
Forward current Per Seg.	30	mA
Reverse Voltage Per Seg.	10	V
Operation Temperature Range	-25°C TO +80°C	°C
Storage Temperature Range	-25°C TO +100°C	°C
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(1/16 inch) from body	

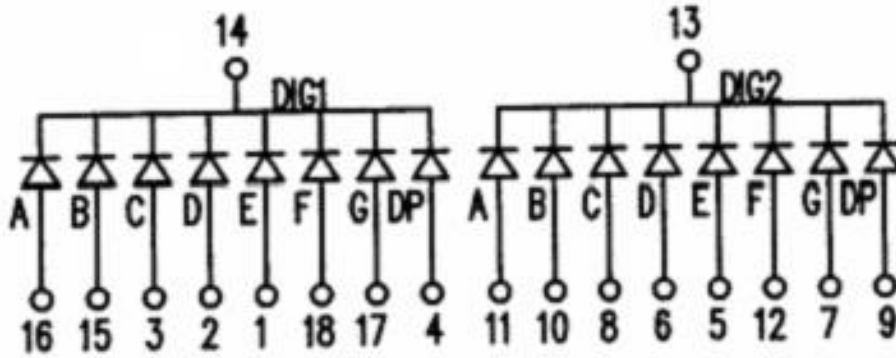
#### ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	39	46		mcd	If=20mA
Emission Wavelength	$\lambda d$		573		nm	If=20mA
Forward Voltage Per Seg.	Vf		2.0	2.4	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

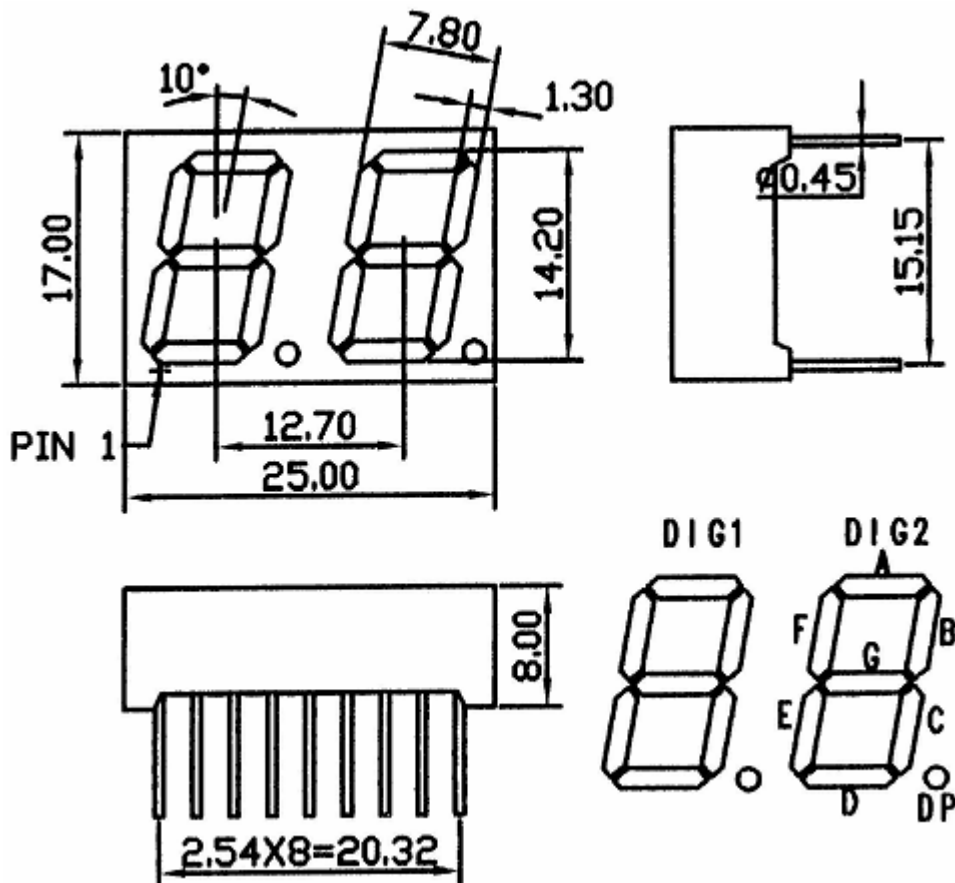


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### P.C.B. Pin Connection



### Reflector Dimensions



Unit:mm



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## Typical Electro-Optical Characteristics Curve

Fig 1. Forward Current vs. Forward Voltage

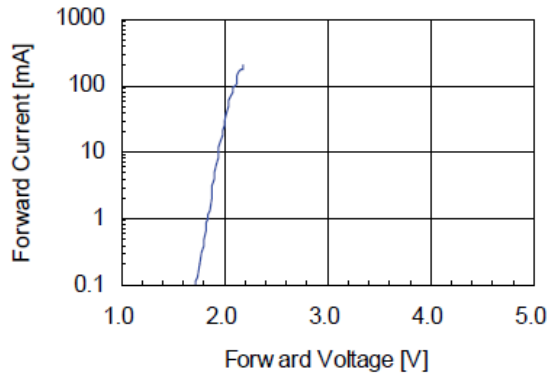


Fig 2. Relative Intensity vs. Forward Current

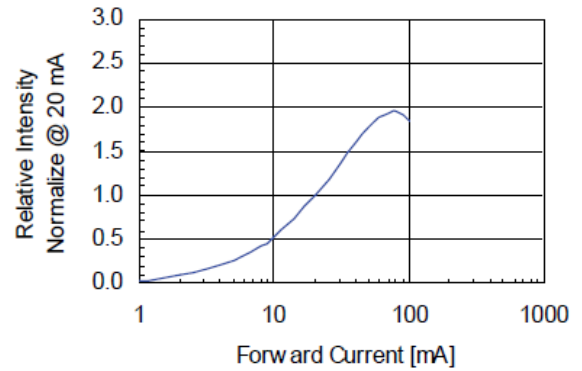


Fig 3. Forward Voltage vs. Temperature

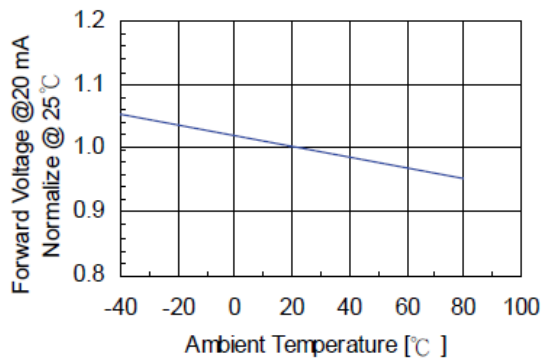


Fig 4. Relative Intensity vs. Temperature

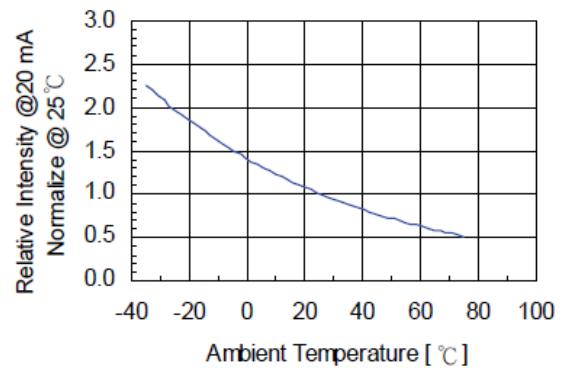
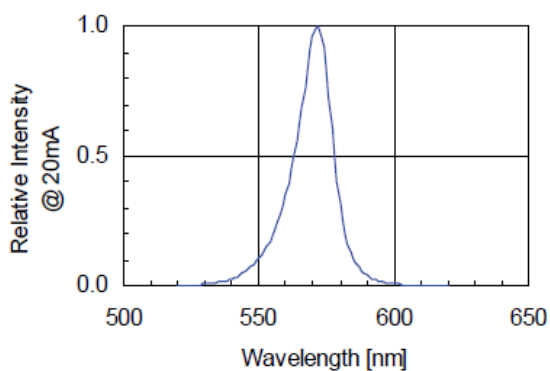


Fig 5. Relative Intensity vs. Wavelength





## Soldering

### Manual of soldering

The temperature of the iron tip should not be higher than 260°C and Soldering within 3 seconds per solder-land is to be observed

#### 1. DIP soldering (Wave Soldering):

Preheating: 120°C ~ 150°C within 5 sec. 260°C (Max)

Gradual Cooling (Avoid quenching)

