



YETDA INDUSTRY LTD.

0.56" DUAL DIGIT AMBER LED DISPLAY

D-5622AAF11

DESCRIPTION

- * 0.56" (14.20mm) Inch Digit Height.
- * High Bright Amber Display.
- * Black Face and White Segment Color.
- * Common Anode.

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.	5	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	

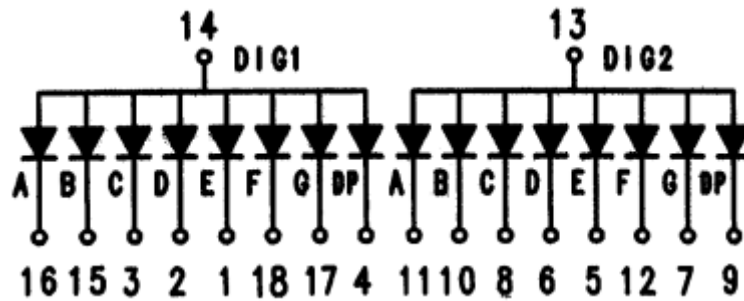
ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv		65		mcd	If=20mA
Emission Wavelength	λ d		605	610	nm	If=20mA
Forward Voltage Per Seg.	Vf		2.2	2.4	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m		2 : 1			If=20mA

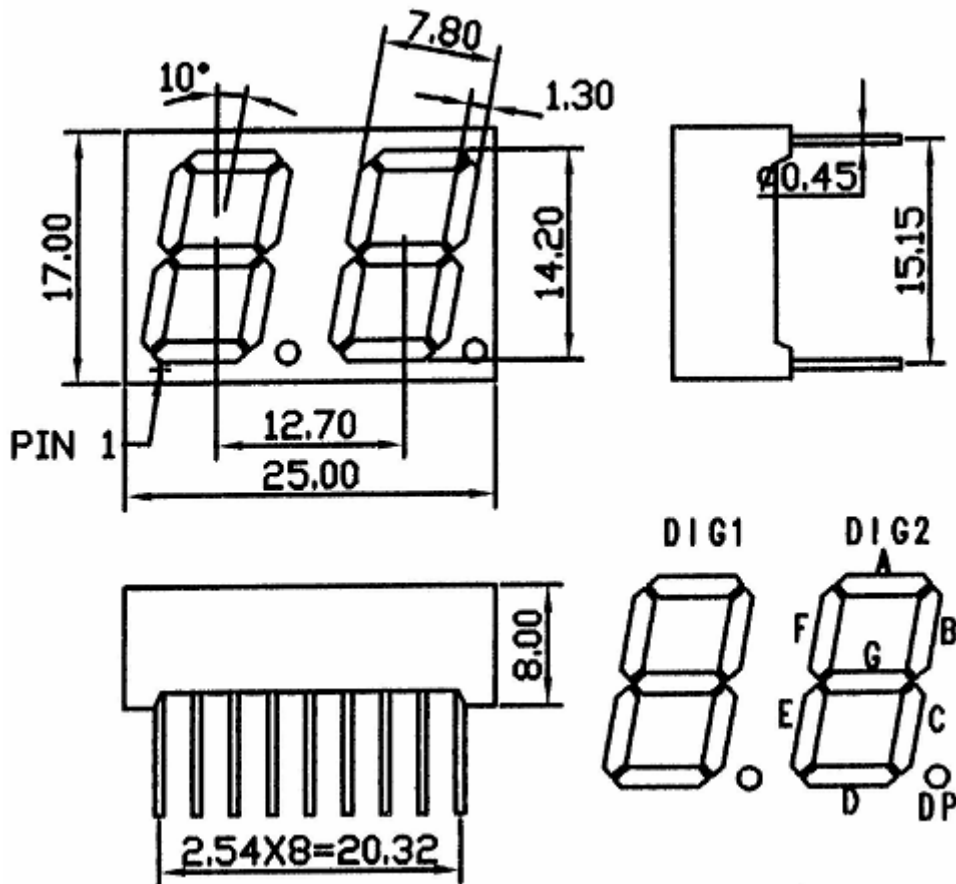


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P.C.B. Pin Connection



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

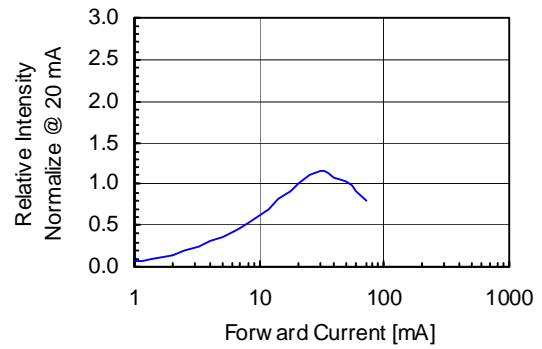
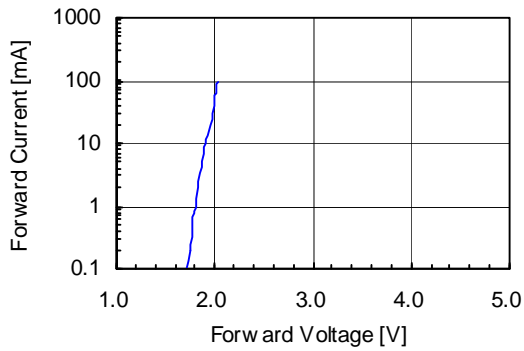


Fig 3. Forward Voltage vs. Temperature

Fig 4. Relative Intensity vs. Temperature

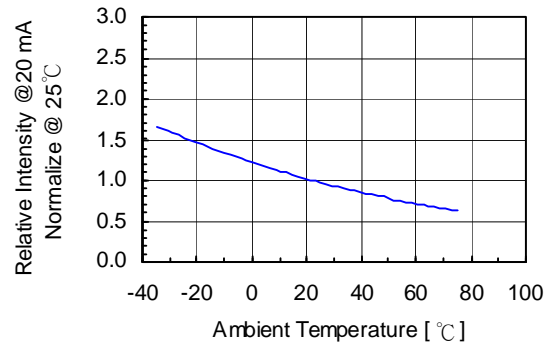
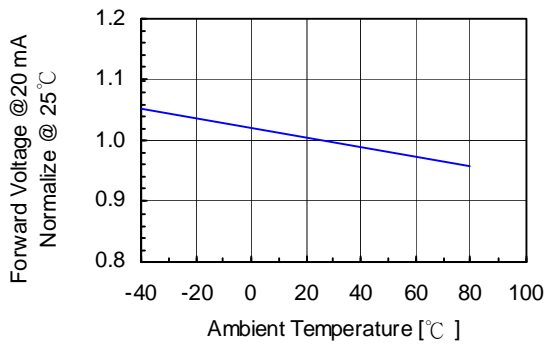
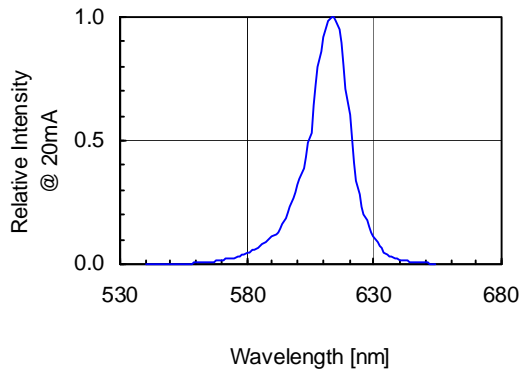


Fig 5. Relative Intensity vs. Wavelength





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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: $120^{\circ}\text{C} \sim 150^{\circ}\text{C}$ within 5 sec. 260°C (Max)

Gradual Cooling (Avoid quenching)

