



YETDA INDUSTRY LTD.

0.39" SINGLE DIGIT YELLOW GREEN LED DISPLAY

S-3915AGF21

DESCRIPTION

- * 0.39" (9.90mm) Inch Digit Height.
- * Super Bright Yellow Green Display.
- * Grey Face and White Segment Color.
- * Common Cathode.

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Seg. & Dot	352	mW
Peak Forward Current Per Seg. & Dot	120	mA
Forward current Per Seg. & Dot (Static)	30	mA
Reverse Voltage Per Seg. & Dot	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	

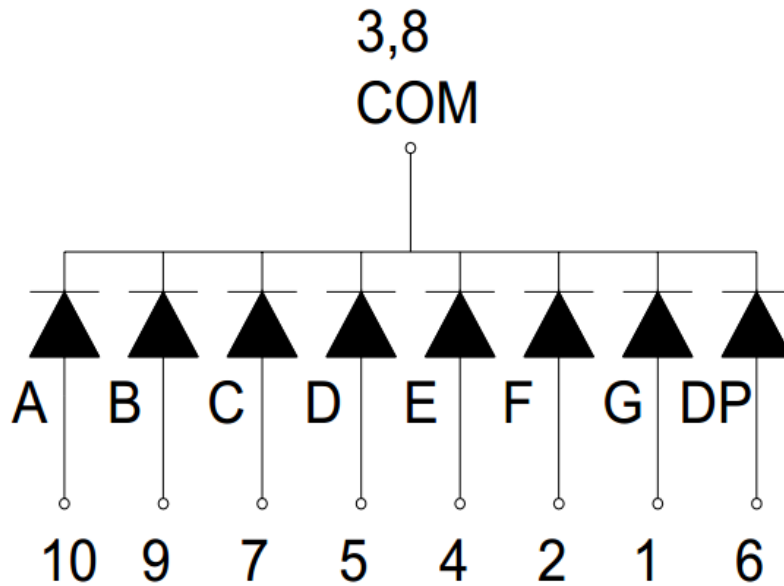
ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	20	30	40	mcd	If=20mA
Emission Wavelength	λd	568	570	573	nm	If=20mA
Forward Voltage Per Seg.	Vf	1.8	2.2	2.5	V	If=20mA
Reverse Current Per Seg.	Ir			20	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

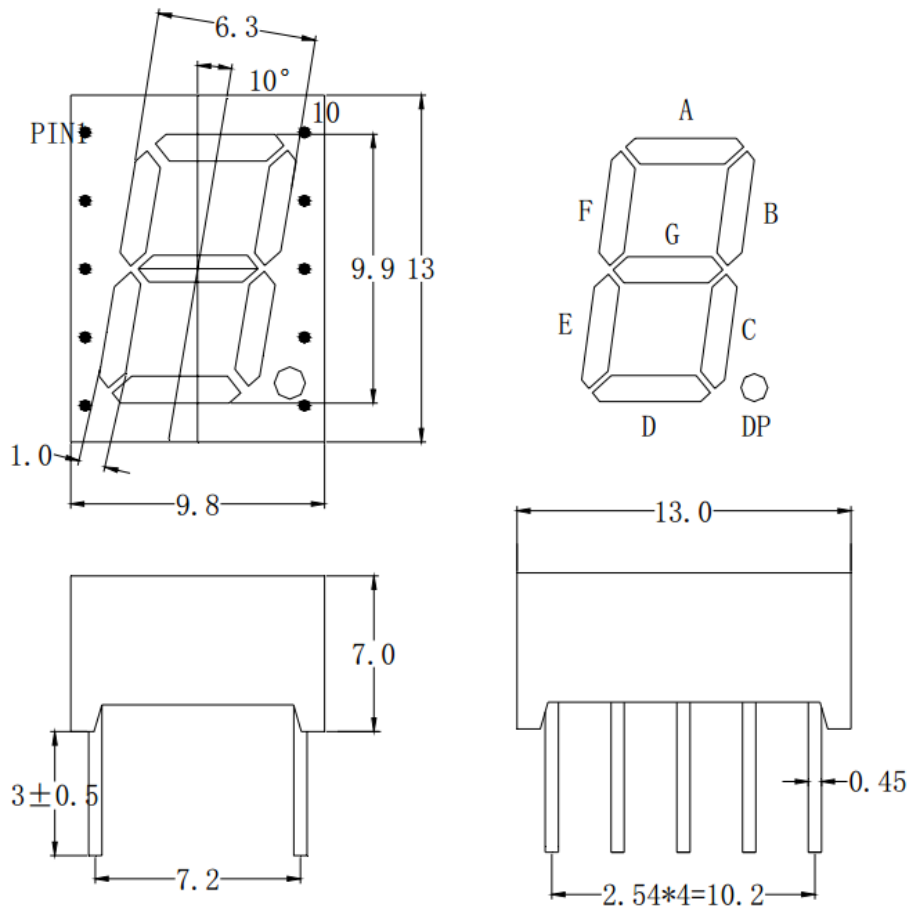


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm



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■ Typical Electro-Optical Characteristics Curve:

Fig 1. Forward Current vs. Forward Voltage

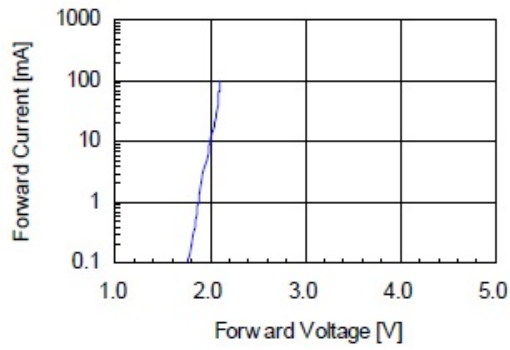


Fig 2. Relative Intensity vs. Forward Current

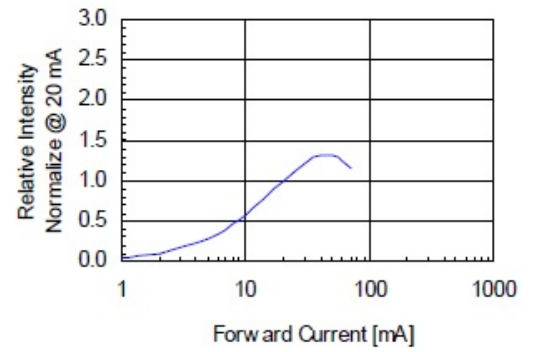


Fig 3. Forward Voltage vs. Temperature

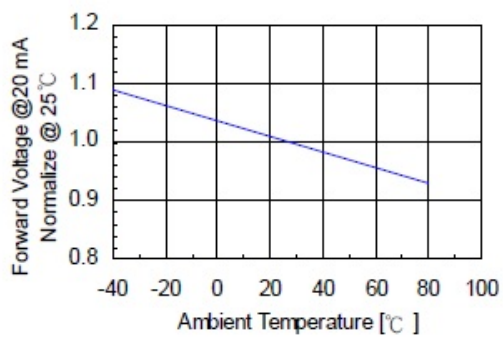


Fig 4. Relative Intensity vs. Temperature

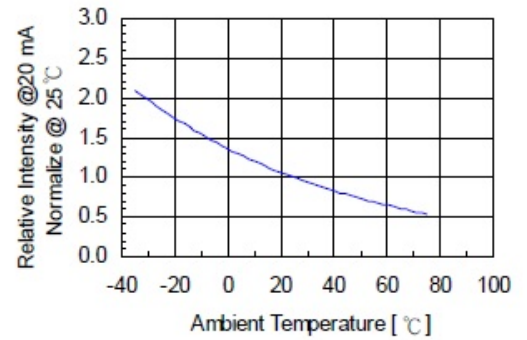


Fig 5. Relative Intensity vs. Wavelength

