

PRODUCT SPECIFICATION

Model No.: FYD-5621AUW-25-L4.3-DW

Descriptions:
<ul style="list-style-type: none"> ■ 0.56 Inch Double Digits Display ■ Common Cathode ■ Emitting Color : Ultra White ■ Chip Material:InGaN ■ Gray Face ■ YAG Diffused Segment



CUSTOMER APPROVED SIGNATURES	APPROVED BY	CHECKED BY	PREPARED BY

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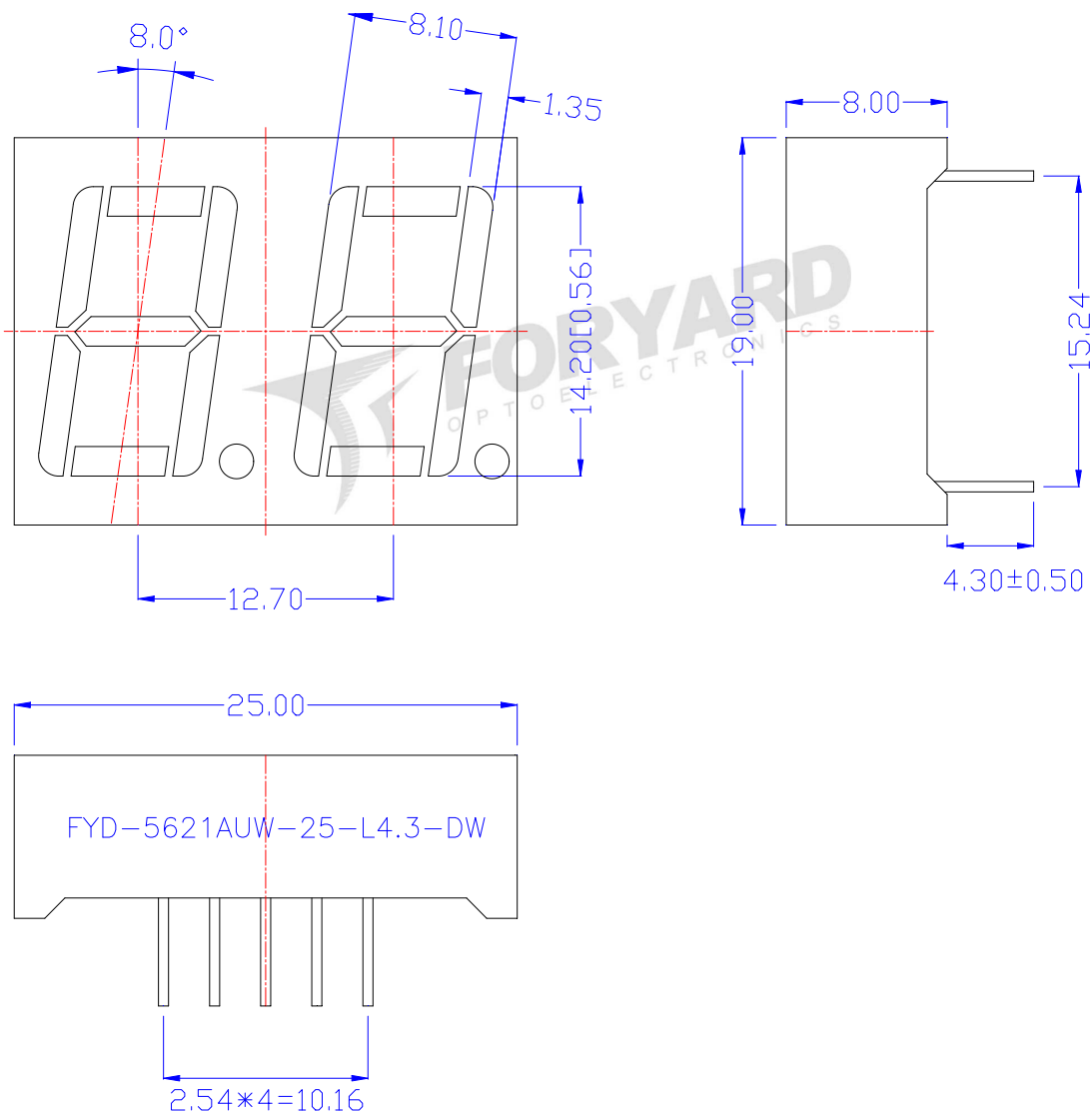
Http://www.foryard.com

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Features -

1. 0.56 inch (14.20mm) digit height.
2. Case mold type.
3. RoHS compliant.
4. Low current operation
5. Low power consumption.
6. Easy mounting on P.C. board or socket.

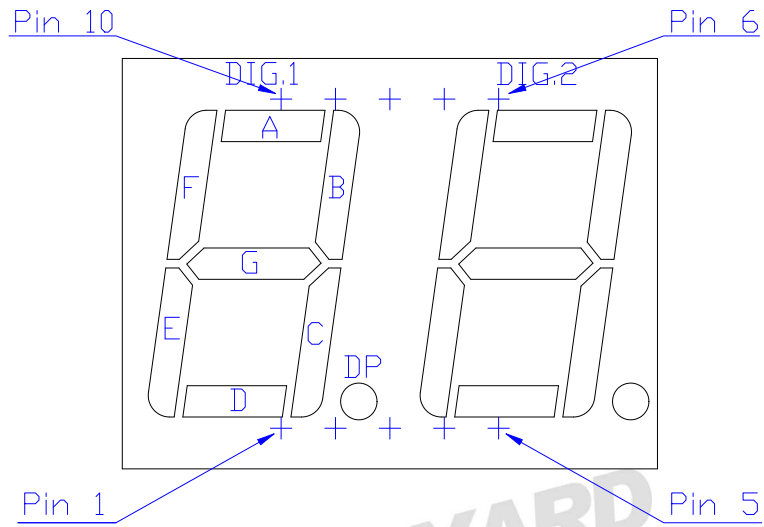
Mechanical Dimensions -



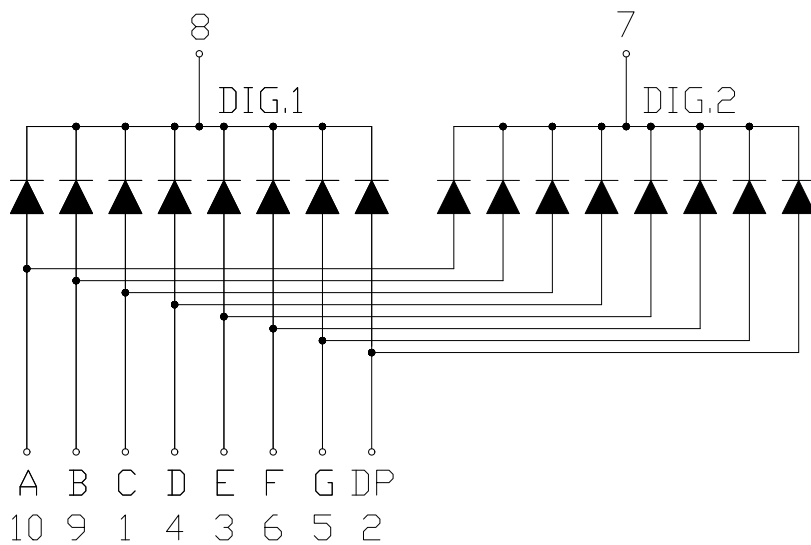
- Notes:
1. All pins are $\Phi 0.51$ [0.020]mm
 2. Dimension in millimeter [inch], tolerance is ± 0.25 [0.010] and angle is $\pm 1^\circ$ unless otherwise noted.
 3. Bending \leq Length * 1%.
 4. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

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■ All Light On Segments Feature & Pin Position



■ Internal Circuit Diagrams -



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■ **Absolute maximum ratings**

(Ta=25°C)

Parameter	Symbol	Test Condition	Value		Unit
			Min	Max	
Reverse Voltage	VR	IR=30	5	—	V
Forward Current	IF	—	—	30	mA
Power Dissipation	Pd	—	—	100	mW
Pulse Current	Ipeak	Duty=0.1mS,1KHz	—	150	mA
Operating Temperature	Topr	—	-40	+85	°C
Storage Temperature	Tstr	—	-40	+85	°C

■ **Electrical-Optical Characteristics**

● **Color Code & Chip Characteristics:(Test Condition:IF=20mA)**

(Ta=25°C)

Emitting Color		Dice Material	Peak Wave Length(λ_p)	Spectral Line halfwidth($\Delta\lambda_{1/2}$)	Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd
					Typ	Max	
UW	Ultra White	InGaN	X=0.30,Y=0.31	CCT:8000-9500K	2.80	3.80	180~200
Segment-to-Segment Luminous Intensity ratio(Iv-M)						1.5:1	

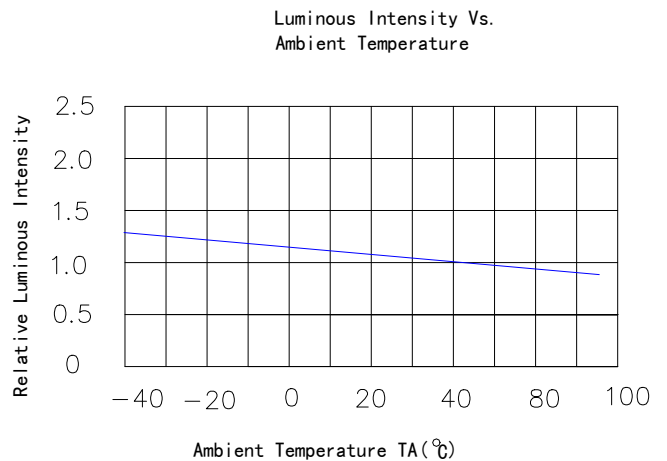
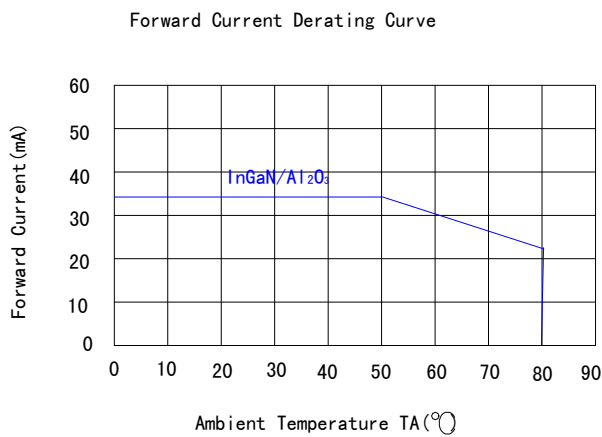
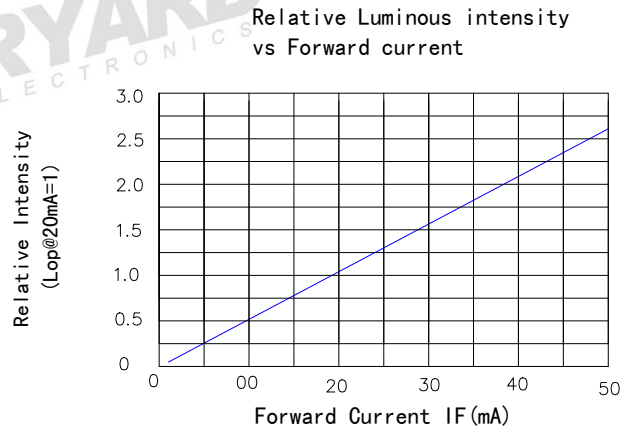
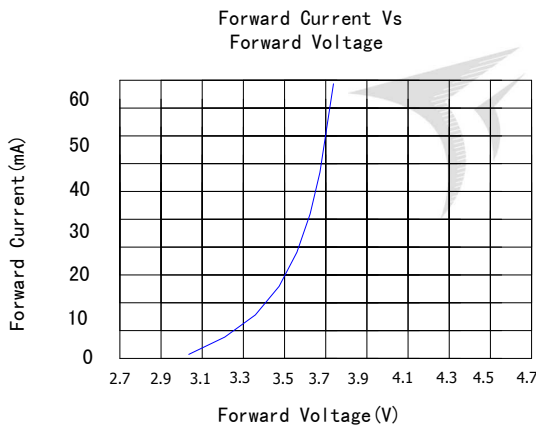
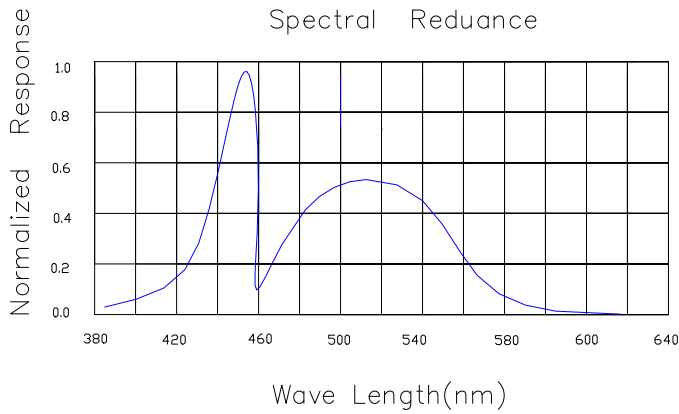
Note:

- 1.Luminous Intensity is based on the Foryard standards.
- 2.Pay attention about static for InGaN

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Typical Electrical / Optical Characteristics Curves

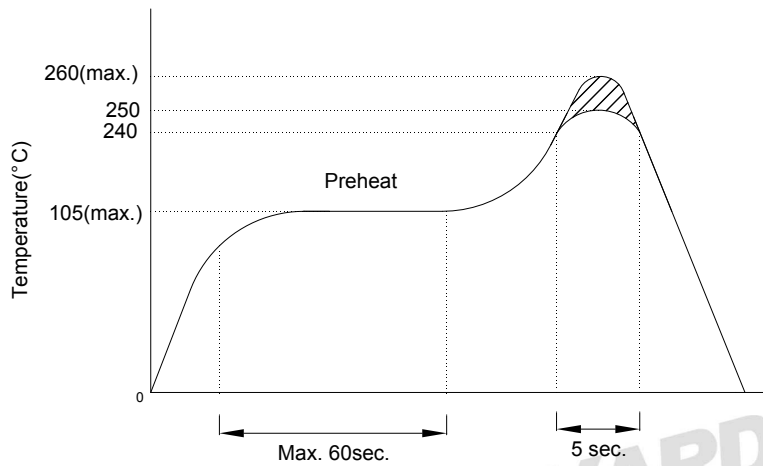
(Ta = 25°C Unless Otherwise Noted)



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■ Precautions For Use -

1. Recommended Soldering conditions-Wave Soldering

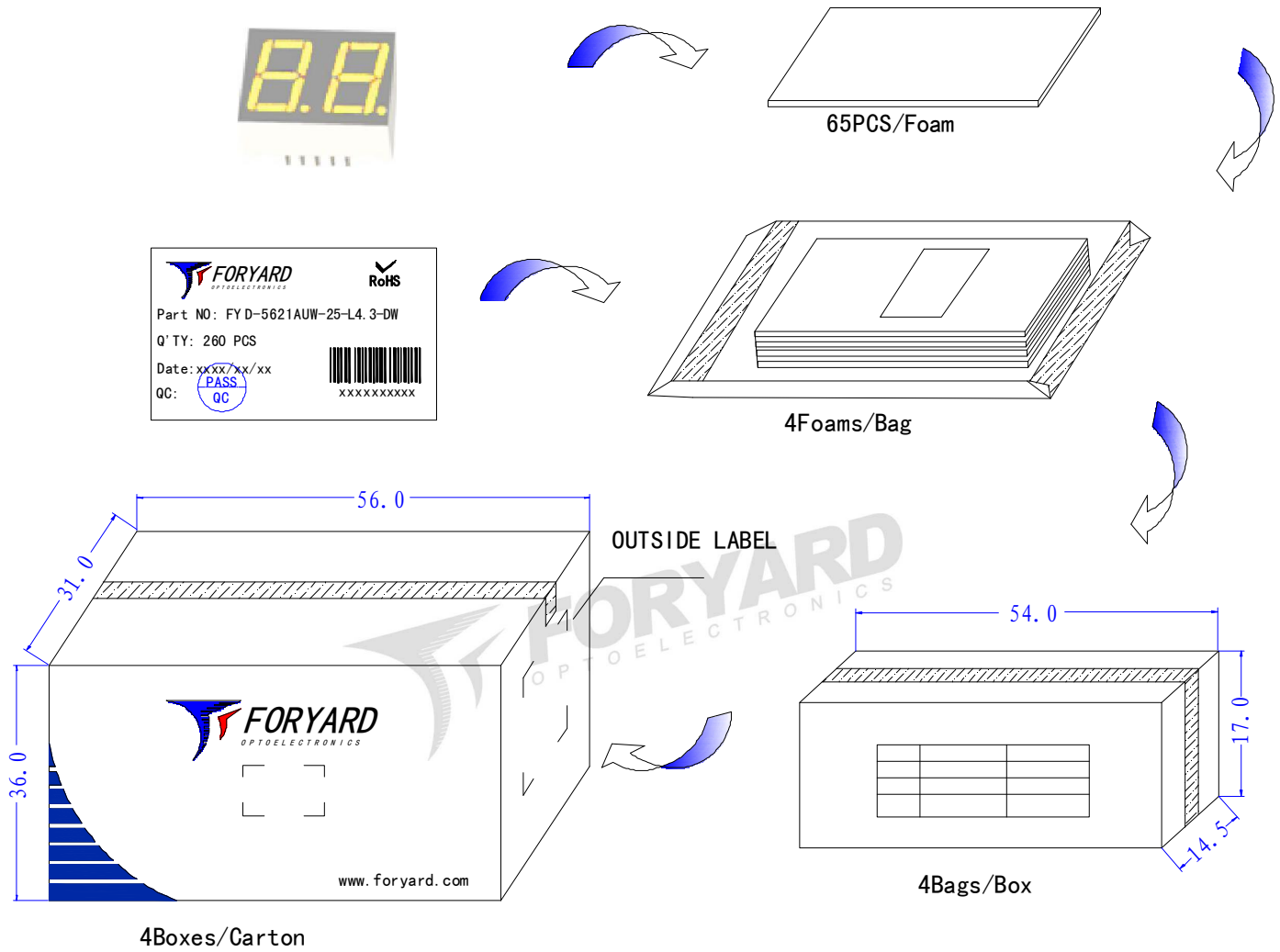







2. Soldering Iron

Basic SPEC. is ≤ 5 sec. When 260°C. If temperature is higher, time should be shorter (+10°C → -1sec.).
 Power dissipation of iron should be smaller than 15W, and temperature should be controllable.
 Surface temperature of the device should be under 230°C.

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■ Packing Diagram



	
LED	
PN: FYD-5621AUW-25-L4.3-DW	
Qty: 4160 PCS	
Date: xxxx/xx/xx	
GW: 22.00KG	QC: 
NW: 20.00KG	
 XXXXXXXXXXXX	
	

OUTSIDE LABEL

Note: The specifications are subject to change without notice. Please contact us for updated information.

