PRODUCT SPECIFICATION

Model No.: FYA-R2010AZUW-X1

Descriptions & Features:
■Bargraph Digit Display
■Case mold type.
■RoHS compliant.
■Low current operation
■Low power consumption.
■Easy mounting on P.C. board or socket.

CUSTOMER APPROVED SIGNATURES	APPROVED BY	CHECKED BY	PREPARED BY

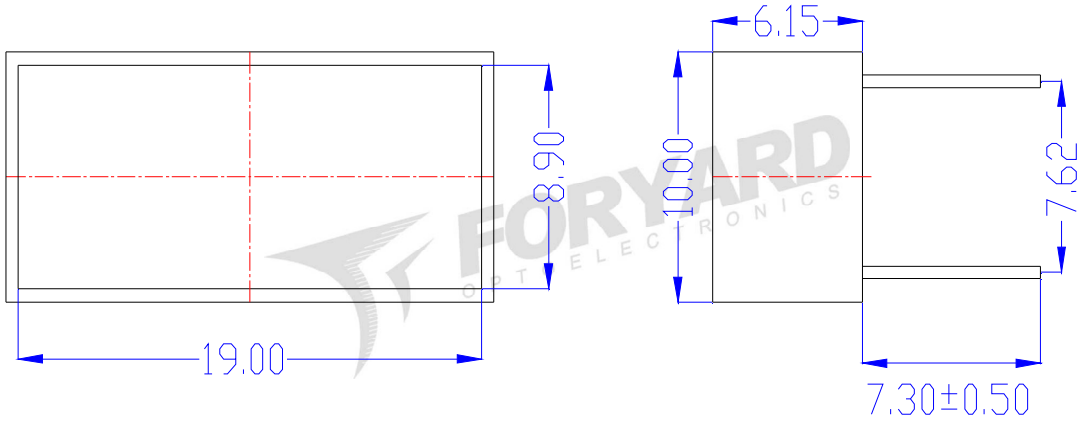
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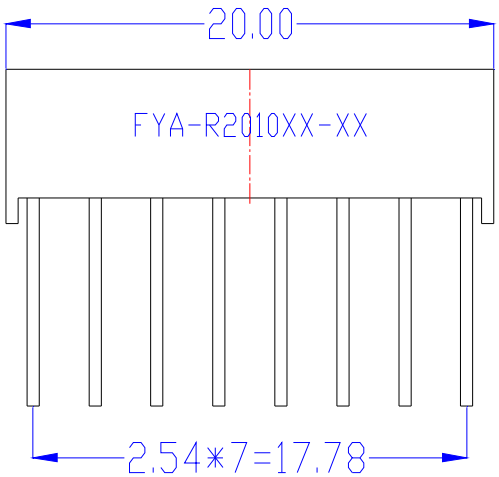
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■ -XX: REF Surface / Epoxy color

Color / Number	0	1	2	3	4
REF Surface Color	○ White	○ Black	○ Gray	○ Red	○ Green
Epoxy Color	—	○ White	—	—	—

■ Mechanical Dimensions



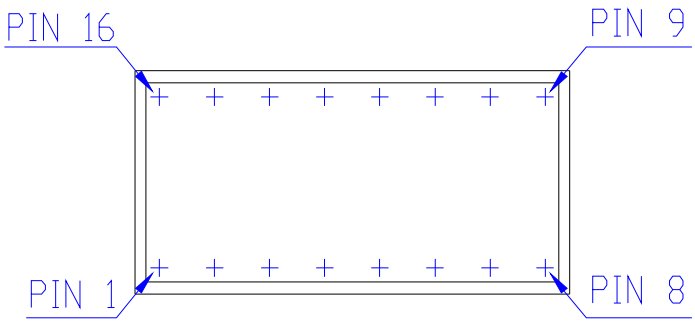


Notes:

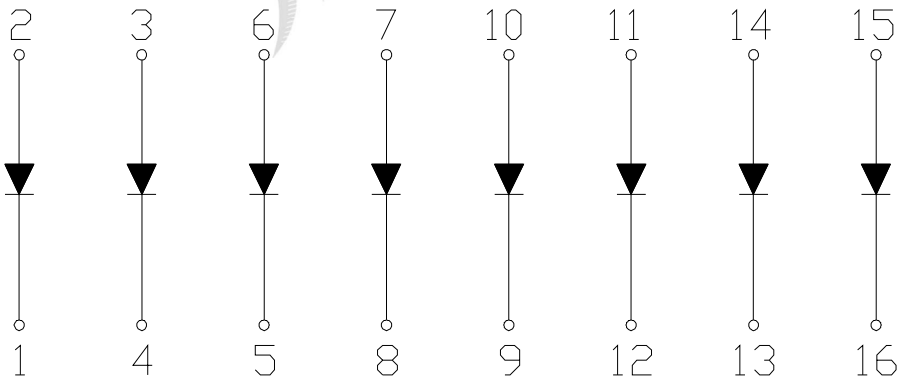
1. All pins are Φ0.51[.020]mm
2. Dimension in millimeter [inch], tolerance is ±0.25 [.010] and angle is ±1° unless otherwise noted.
3. Bending≤Length*1%.
4. The specifications,characteristics and technical data described in the datasheet are subject to change without prior notice.

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■ All Light On Segments Feature & Pin Position



■ Internal Circuit Diagrams



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■ Absolute maximum ratings

(Ta=25℃)

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	℃
Storage Temperature	Tstr	—	-40	+85	℃

■ Electrical-Optical Characteristics

● Color Code & Chip Characteristics:(Test Condition:IF=20mA) (Ta=25℃)

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	
Ultra brightness							
UW	Ultra White	InGaN	X=0.29,Y=0.30	CCT:9500K	2.80	3.80	300~400
Segment-to-Segment Luminous Intensity ratio(Iv-M)				1.5:1			

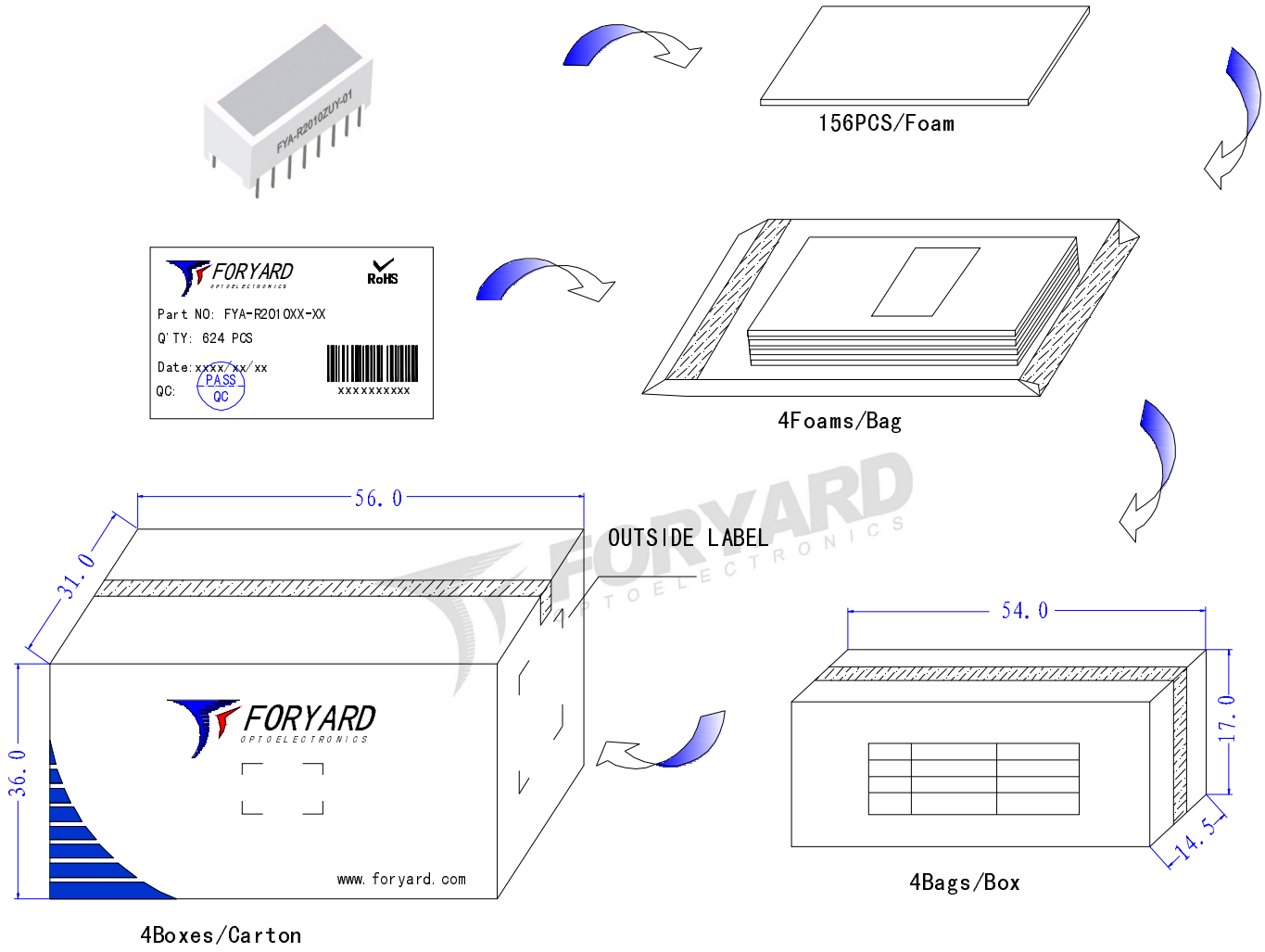
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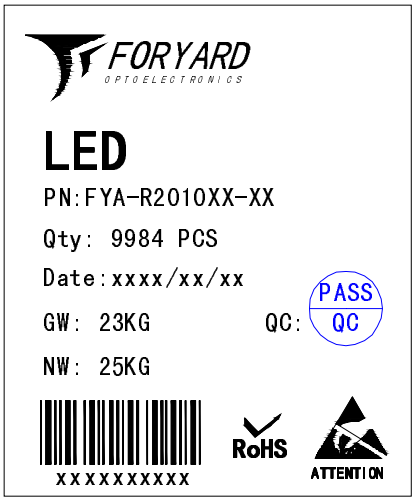
1.Luminous Intensity is based on the Foryard standards.

2.Pay attention about static for InGaN

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■ Packing Diagram





OUTSIDE LABEL

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