

PRODUCT SPECIFICATION

Model No.: FYS-40011A/BUW-X1

Descriptions & Features:

- 4.00 Inch (101.60mm) digit height Single 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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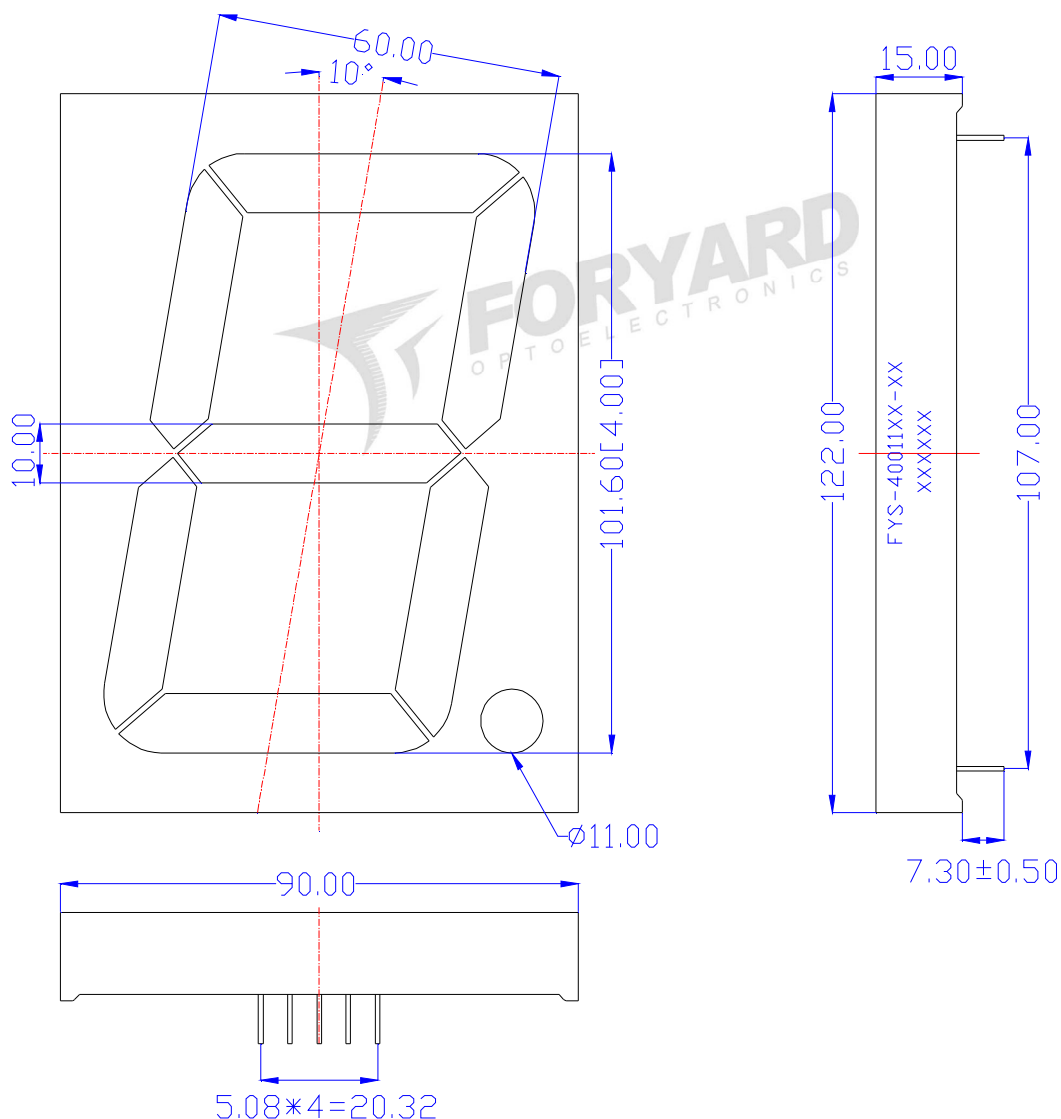
Http: www.foryard.com

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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

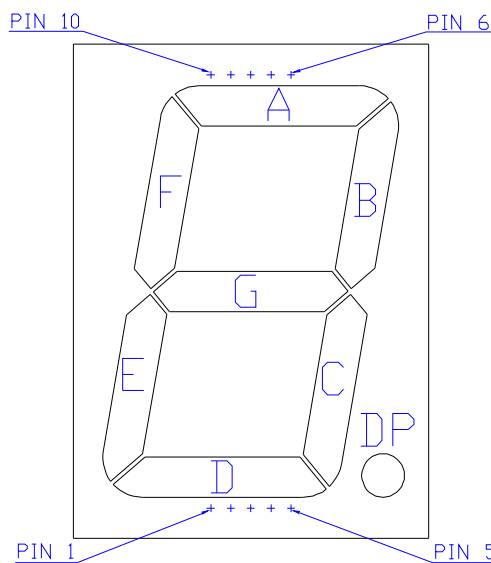


Notes:

1. All pins are $\Phi 0.80 [0.031]$ mm
2. Dimension in millimeter [inch], tolerance is $\pm 0.25 [0.010]$ 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.

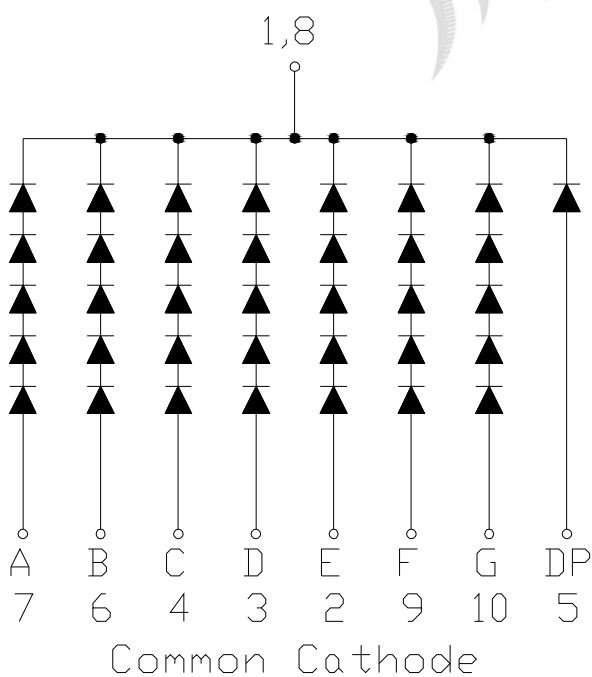
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■ All Light On Segments Feature & Pin Position

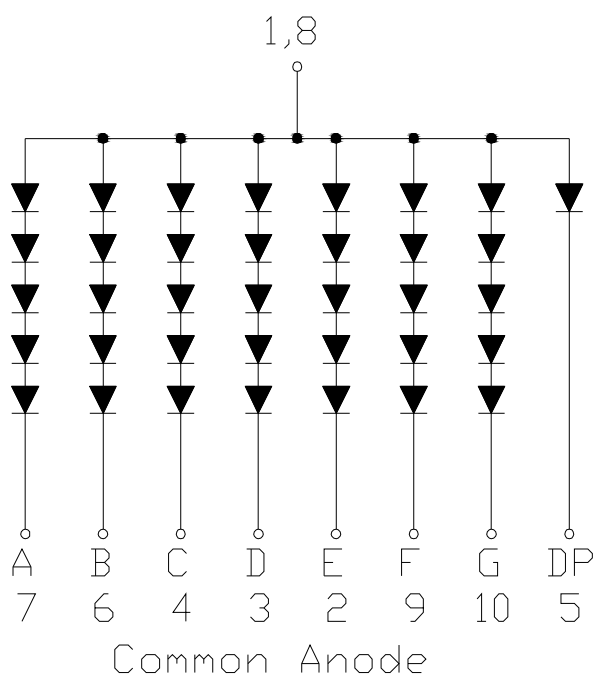


■ Internal Circuit Diagrams

FYS-40011AX



FYS-40011BX



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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℃)

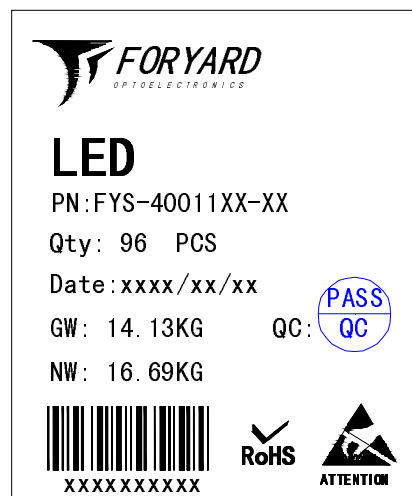
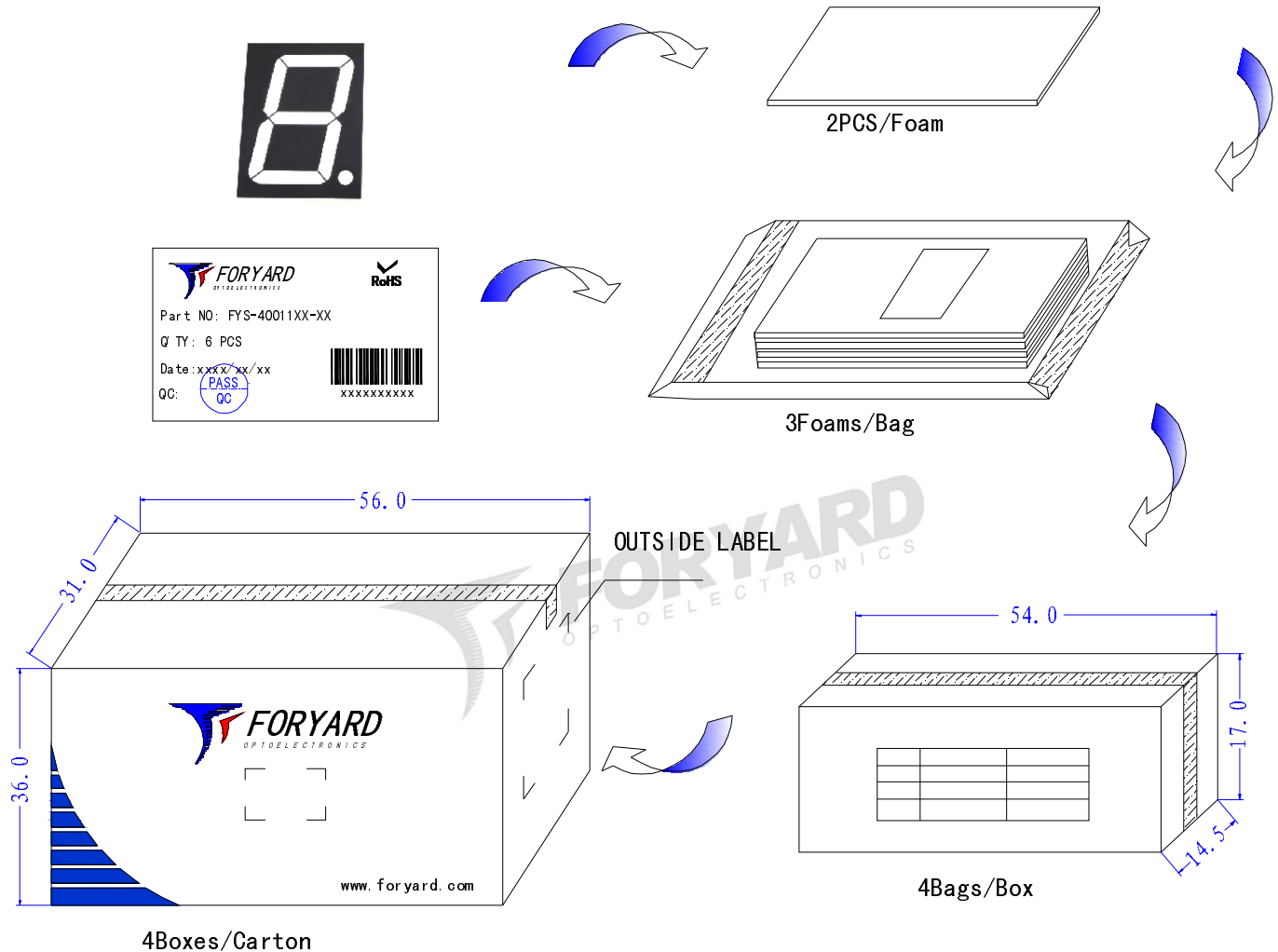
Emitting Color				Dice Material	Peak Wave Length(λ_p)	Spectral Line halfwidth($\Delta \lambda_{1/2}$)	Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd
							Typ	Max	
Ultra brightness									
UW	Ultra White	InGaN	X=0.29,Y=0.30	CCT:9500K	2.80	3.80	300~400		
Segment-to-Segment Luminous Intensity ratio(Iv-M)						1.5:1			

Note:

- 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.