



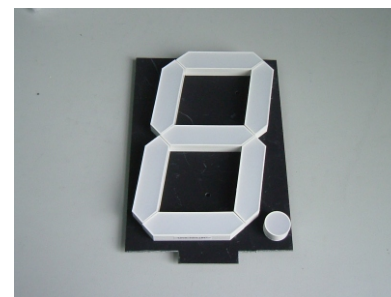
10.00"(250.00mm)Single Digit 7 Segment Display

Features:

- *Ultra segment intensity
- *Wide viewing angle
- *Range of colors
- *White face White segment
- *RoHS compliant

Available option:

- *Available emitting color
- *Available segment color
- *Low current version



Electro/Optical Characteristics If=20*4mA Ta=25 °C

Part Number Common Cathode	Part Number Common Anode	Emitting Color	Peak Wavelength	Forward Voltage V _F /Seg.		Luminous Intensity I _v /Seg.	
				Typ.	Max.	Min.	Typ.
	NFD-100011BUEf-01	AlGaInP/GaAs Ultra Orange	632	20.00(12.00)	25.00(15.00)	180*40(180*12)	220*40(220*12)
Units			nm	V		mcd	

Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Test Condition	Symbol	UE						Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I _{FP}	100*4						mA
DC Forward Current Per Seg.		I _F	30*4						mA
Reverse Current Per Seg.	V _R =10V	I _R	10						μ A
Power Dissipation		P _D	65*292						mW
Operating Temperature		T _{OPR}	-40 to +80						°C
Storage Temperature		T _{TSG}	-40 to +85						°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260						°C

Checked

Chen N.H.

Approved

Jason Chen

Date

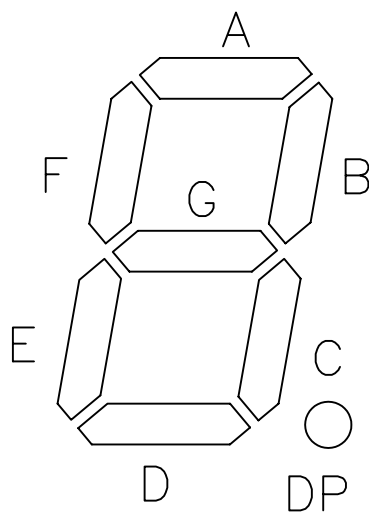
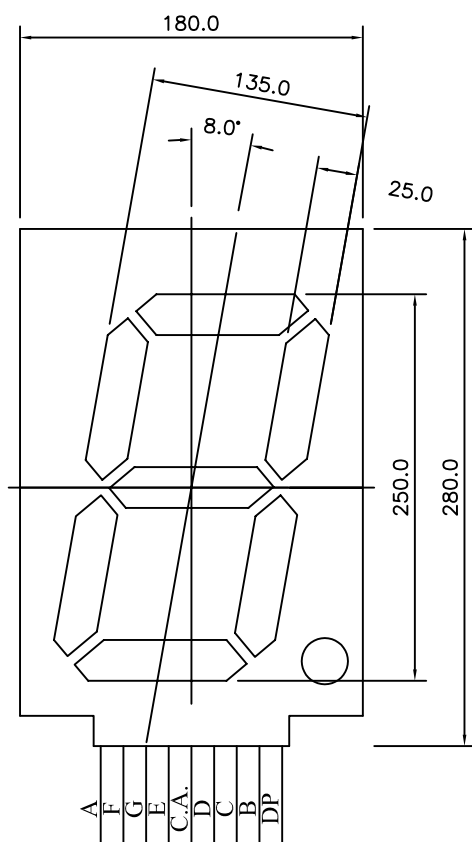
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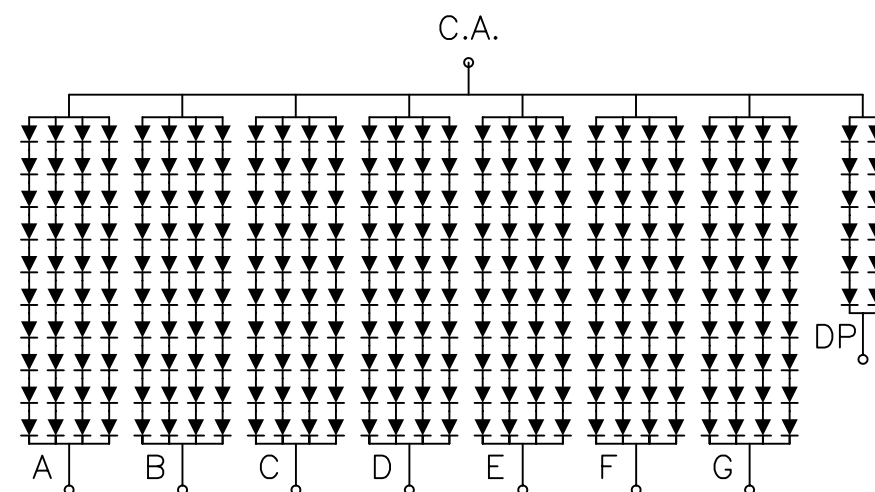
10.00"(250.00mm)Single Digit 7 Segment Display

PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM

Common Anode
NFD-100011Bx



Tolerance $\pm 0.25\text{mm}$ unless stated

Checked

Chen N.H.

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Jason Chen

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