

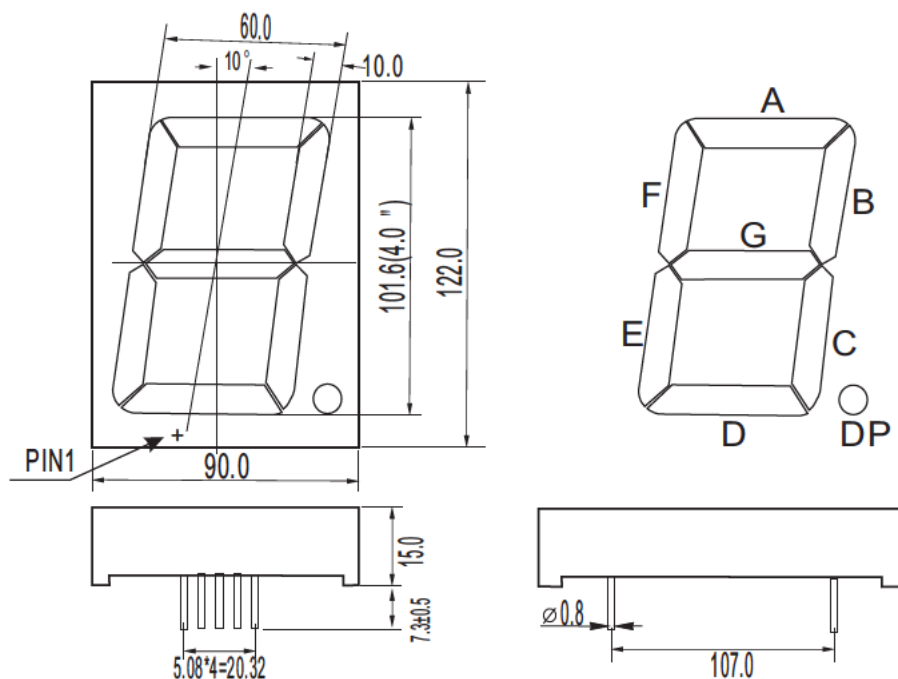
4.0" Single Digit LED Display

Model NO. : IE-1WC-40101B-CA

Chip (Ta=±25℃)		PIN	Drive Mode	Face Color	Epoxy Color
Quantity	Emitting color	—	Common Anode	Black	White
58ea	White				

Package Outlines

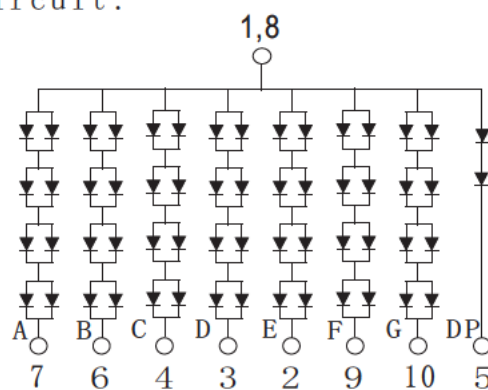
(unit:mm)



Notes:

1. All dimensions are in millimeters (inches);
2. Tolerances is ± 0.25 (0.01") unless otherwise noted.

Internal Circuit:



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■ Absolute Maximum Ratings (Ta=+25℃)

Characteristics		Symbol	Rating	Unit	Remarks
Forward current	/Segment	I_F	25*2	mA	——
	/Dot		25		
Peak forward current	/Segment	$I_{F(Peak)}$	100*2	mA	1/10 Duty Cycle
	/Dot		100		
Reverse Voltage	/Segment	V_R	5*4	V	——
	/Dot		5*2		
Operating Temperature		T_{Opr}	-25 ~ +80	℃	——
Storage Temperature		T_{Stg}	-40 ~ +85	℃	——
Solder Temperature		T_{Sol}	260	℃	≤5 seconds
Power Dissipation	/Segment	P_d	80*8	mw	——
	/Dot		80*2		

■ Electro-Optical Characteristics (Ta=25℃) :

Parameter		Symbol	Test condition	Min.	Typ.	Max.	Unit
Forward Voltage	/Segment	V_F	$I_F=20mA*2$	——	3.0*4	——	V
	/Dot		$I_F=20mA$		3.0*2		
Chromaticity Coordinates	/Segment	X	$I_F=20mA*2$	0.26	0.29	0.32	nm
	/Dot	Y	$I_F=20mA$	0.26	0.29	0.32	
Spectrum width (Half value)	/Segment	$\Delta\lambda$	$I_F=20mA*2$	——	20	——	nm
	/Dot		$I_F=20mA$				
Luminous Intensity	/Segment	IV	$I_F=10mA*2$	——	400	——	mcd
	/Dot		$I_F=10mA$				
Reverse current	/Segment	IR	$V_R=5V*4$	——	——	10*2	μA
	/Dot		$V_R=5V*2$			10	