

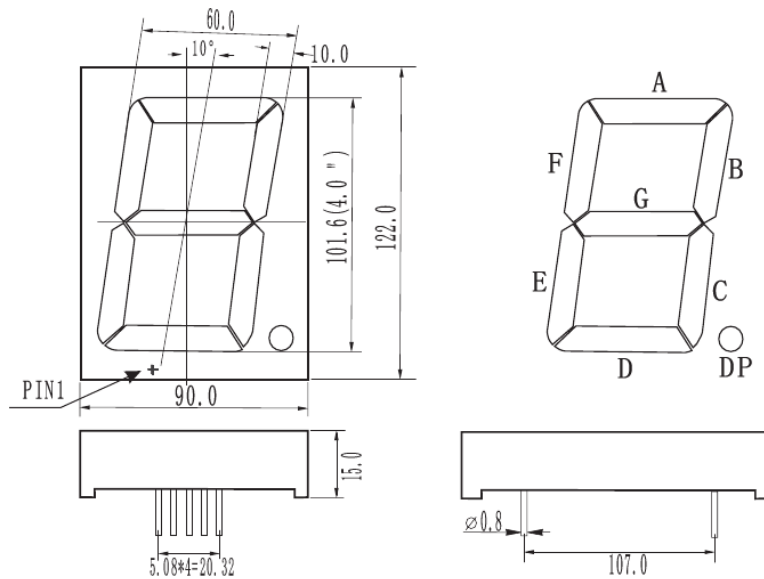
4.0" Single Digit LED Display

Model NO. : IE-1R-14001NC

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

■ Package Outlines

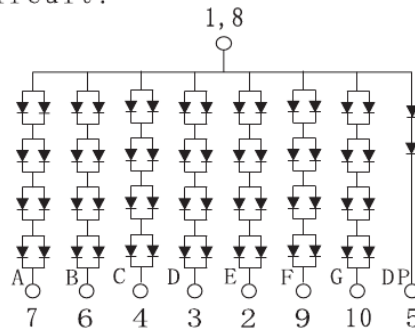
(unit:mm)



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	30*2	mA	—
	/Dot		30		
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	65*8	mw	—
	/Dot		65*2		

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

Parameter	Symbol	Test condition	Min.	Typ.	Max.	Unit
Forward Voltage	/Segment	V_F	—	2.0*4	—	V
	/Dot			2.0*2		
Dominant Wavelength	/Segment	λ_D	—	625	—	nm
	/Dot					
Spectrum width (Half value)	$\Delta \lambda$	$I_F = 20\text{mA}$	—	20	—	nm
Luminous Intensity	/Segment	I_V	—	120	—	mcd
	/Dot					
Reverse current	/Segment	I_R	—	—	10*2	μA
	/Dot				10	