

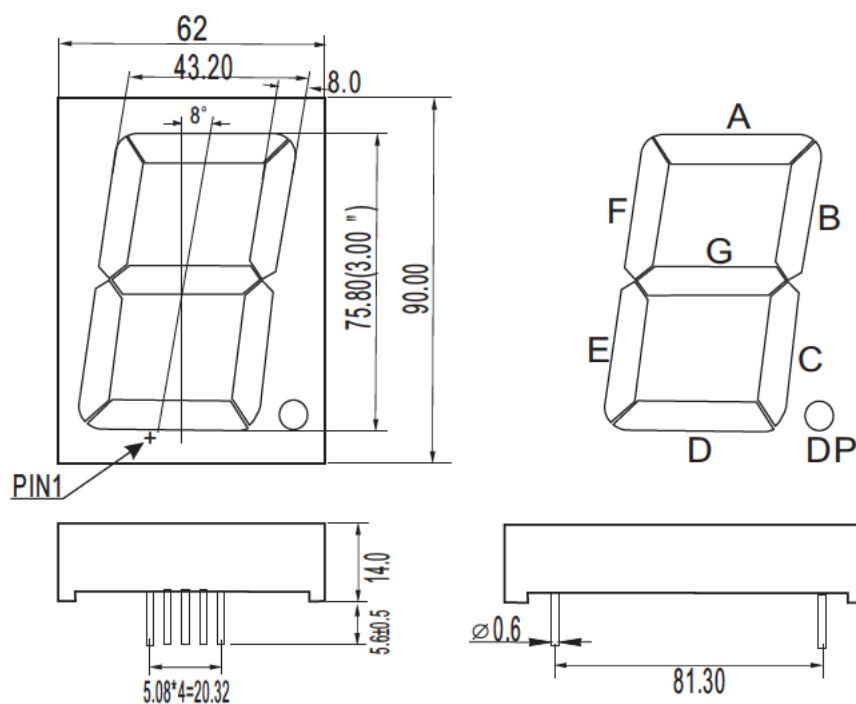
3.0" Single Digit LED Display

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

Chip (Ta=±25℃)		PIN	Drive Mode	Face Color	Epoxy Color
Quantity	Emitting color	—	Common Anode	Black	White
37ea	Yellow				

Package Outlines

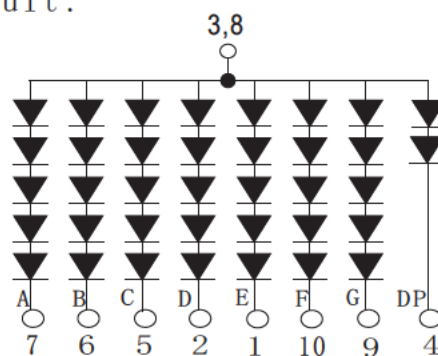
(unit:mm)



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	mA	——
	/Dot				
Peak forward current	/Segment	$I_{F(Peak)}$	100	mA	1/10 Duty Cycle
	/Dot				
Reverse Voltage	/Segment	V_R	5*5	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	60*5	mw	——
	/Dot		60*2		

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

Parameter		Symbol	Test condition	Min.	Typ.	Max.	Unit
Forward Voltage	/Segment	V_F	$I_F=20mA$	——	2.0*5	——	V
	/Dot				2.0*2		
Dominant Wavelength		λ_D	$I_F=20mA$	——	590	——	nm
Spectrum width (Half value)		$\Delta\lambda$	$I_F=20mA$	——	20	——	nm
Luminous Intensity		I_V	$I_F=10mA$	——	60	——	mcd
Reverse current	/Segment	I_R	$V_R=5V*5$	——	——	10	μA
	/Dot		$V_R=5V*2$				