

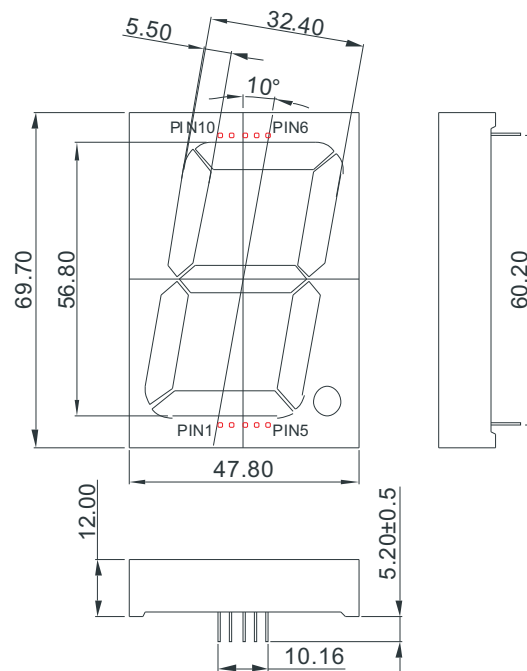
2.3" Single Digit LED Display

Model NO. : IE-1R-12301NC-L5.2

Chip (Ta=±25℃)		PIN	Drive Mode	Face Color	Epoxy Color
Quantity	Emitting color	—	Common Anode	Black	White
30ea	Red				

■ Package Outlines

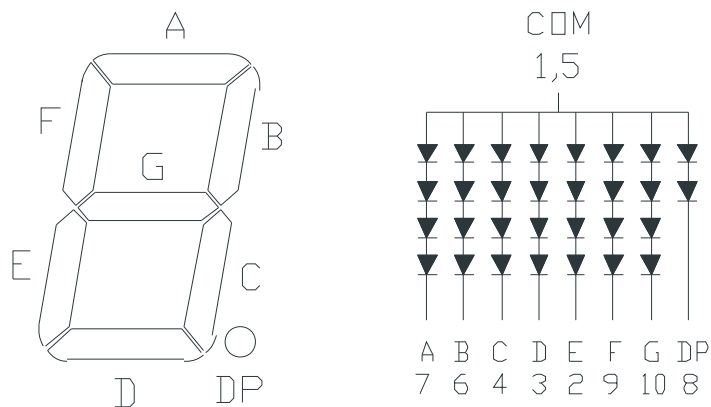
(unit:mm)



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°C)

Characteristics	Symbol	Rating	Unit	Remarks
Forward current/segment	I_F	25	mA	——
Peak forward current/segment	$I_{F(Peak)}$	100	mA	1/10 Duty Cycle
Reverse Voltage	/Segment	V_R	V	——
	/Dot			
		5*4 5*2		
Operating Temperature	T_{Opr}	-25 ~ +80	°C	——
Storage Temperature	T_{Stg}	-40 ~ +85	°C	——
Solder Temperature	T_{Sol}	260	°C	≤ 5 seconds
Power Dissipation/segment	P_d	65*4	mw	——

■ Electro-Optical Characteristics (Ta=25°C) :

Parameter	SYMBOL	Test condition	Min.	Typ.	Max.	UNIT
Forward Voltage	/Segment	V_F	——	2.0*4	——	V
	/Dot			2.0*2		
Dominant Wavelength	λ_D	$I_F=20mA$	——	625	——	nm
Spectrum width (Half value)	$\Delta\lambda$	$I_F=20mA$	——	25	——	nm
Luminous Intensity/segment	I_V	$I_F=20mA$	——	55	——	mcd
Reverse current/segment	I_R	$V_R=5V$	——	——	10	μA