

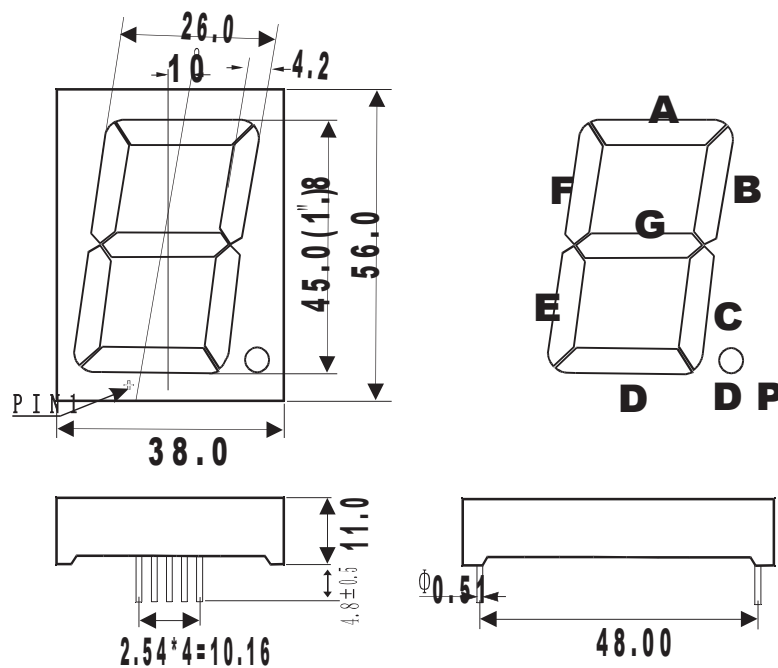
1.8" Single Digit LED Display

Model NO. : IE-1R-11801N-GC-L4.8

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

Package Outlines

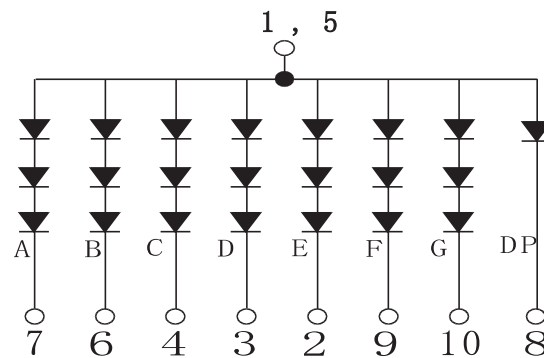
(unit:mm)



Notes:

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

Internal Circuit:



1.8" Single Digit LED Display

Model NO. : IE-1R-11801N-GC-L4.8

■ 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			
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	60*3	mw	——

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

Parameter	SYMBOL	Test condition	Min.	Typ.	Max.	UNIT
Forward Voltage	/Segment	$I_F=20mA$	——	$2.0*3$	——	V
	/Dot			2.0		
Dominant Wavelength	λ_D	$I_F=20mA$	——	630	——	nm
Spectrum width (Half value)	$\Delta \lambda$	$I_F=20mA$	——	25	——	nm
Luminous Intensity/segment	I_V	$I_F=10mA$	——	40	——	mcd
Reverse current/segment	I_R	$V_R=5V$	——	——	10	μA