

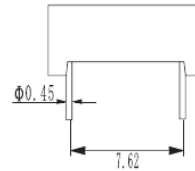
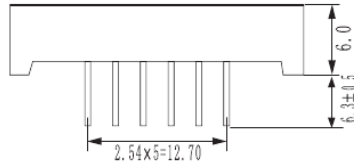
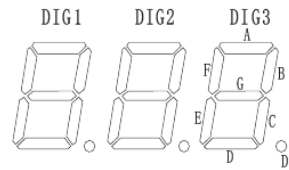
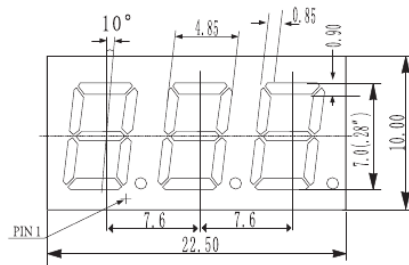
## 0.28" 3-Digit LED Display

Model NO. : IE-3B-20281BC

Chip (Ta=±25℃)		PIN	Drive Mode	Face
Quantity	Emitting color	—	Common Cathode	
24ea	Blue			Black

### Package Outlines

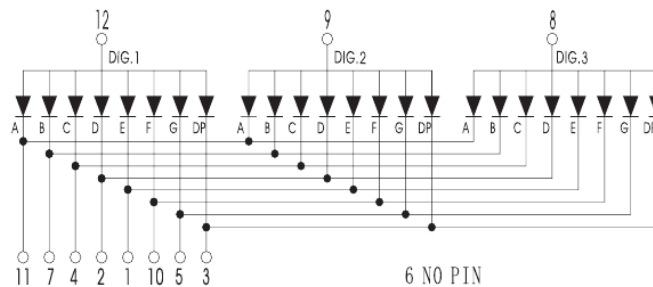
(unit:mm)



### Notes:

1. All dimensions are in millimeters (inches);
2. Tolerances is  $\pm 0.25$  (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	$I_F$	30	mA	—
Peak forward current / segment	$I_{F(Peak)}$	100	mA	1/10 Duty Cycle
Reverse Voltage / segment	$V_R$	5	V	—
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	$P_d$	80	mw	—

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

Parameter	Symbol	Test condition	Min.	Typ.	Max.	Unit
Forward Voltage/segment	$V_F$	$I_F=20mA$	2.8	3.1	3.4	V
Dominant Wavelength	$\lambda_d$	$I_F=20mA$	460	—	465	nm
Spectrum width (Half value)	$\Delta\lambda$	$I_F=20mA$	—	20	—	nm
Luminous Intensity/segment	$I_V$	$I_F=10mA$	—	40	—	mcd
Reverse current/segment	$I_R$	$V_R=5V$	—	—	10	$\mu A$