

1.80 SINGLE DIGIT NUMERIC DISPLAY

LIN-18012XX GREEN

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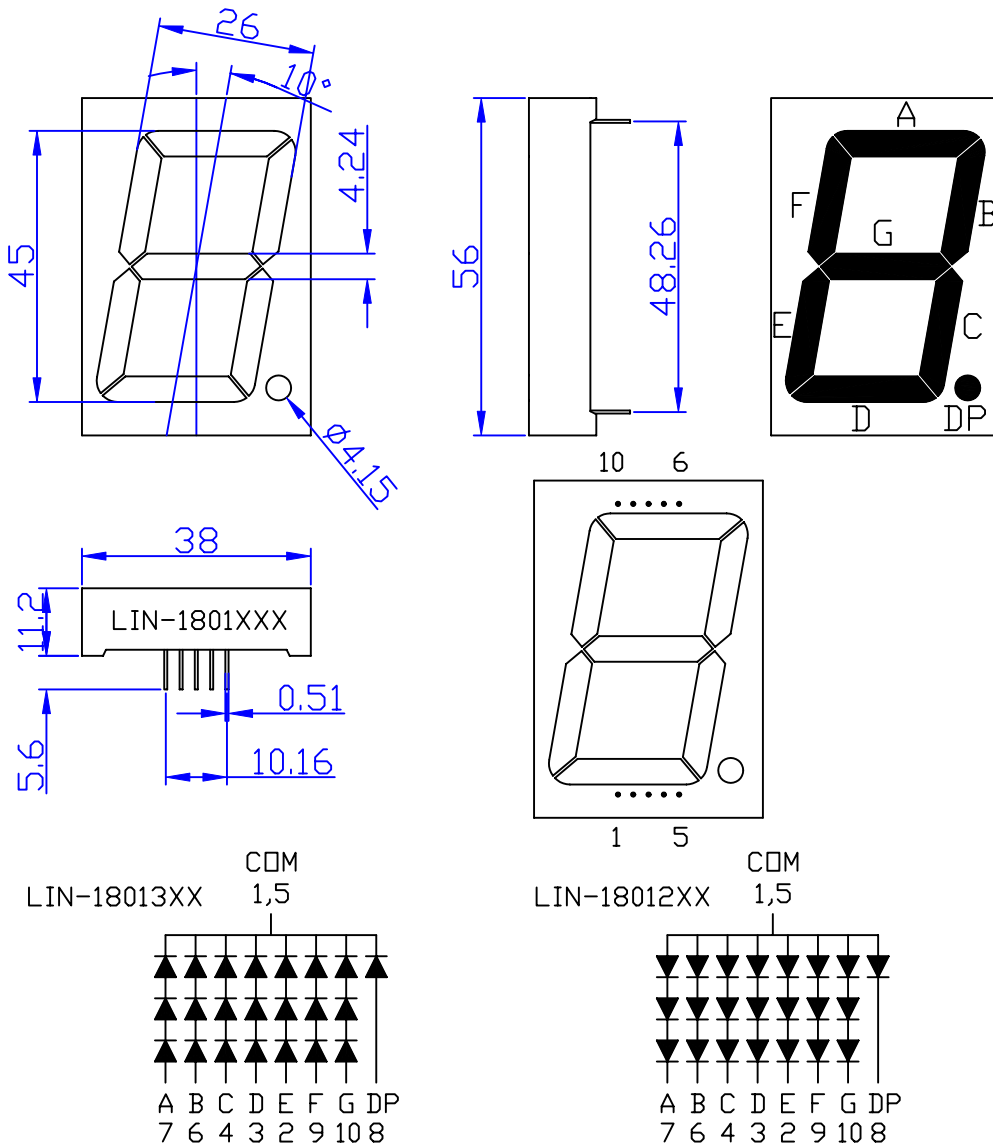
Features

- 1.80 DIGIT HEIGHT
- EXCELLENT CHARACTER APPEARANCE
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- MECHANICALLY RUGGED.
- STANDARD: BLACK /GRAY FACE, WHITE SEGMENT.

Description

The Green source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Green Light Emitting Diode.

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters (inches), Tolerance is +/-0.25(0.01 ") unless otherwise noted.
2. Specifications are subject to change without notice.

Absolute Maximum Rating (Ta=25 °C)

Parameter	Symbol	Green (GaP/GaP)	Unit
Power dissipation	P _{AD}	68	mW
Derating liner from 25°C	--	0.42	mA/°C
Continuous Forward current	I _{AF}	30	mA
Peak forward current (Duty Cycle=1/10,1KHZ)	I _{PF}	120	mA
Reverse voltage	V _R	5	V
Operating temp.	T _{OPR}	-20~+85	°C
Storage temp.	T _{STG}	-25~+85	°C

*Soldering Bath : not more than 5 seconds @260°C. The bottom ends of plastic reflector should be at least 2 mm above the solder surface.

Soldering Iron : not more than 3 seconds @300°C under 30 W.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25 °C)

	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =20mA		2.27		V
Reverse Current	I _R	V _R =5V			100	μA
Luminous Intensity	I _v	I _F =20mA		9.5		mcd
Peak Emission Wavelength	λ _p	I _F =20mA		571		nm
	Hue					
Spectral Line Half-Width	λ	I _F =20mA		30		nm
View Angle	2 1/2	I _F =20mA				deg