

0.80 " SINGLE DIGIT NUMERIC DISPLAY

LIN-8018XX SUPER GREEN

LIN-8019XX SUPER GREEN

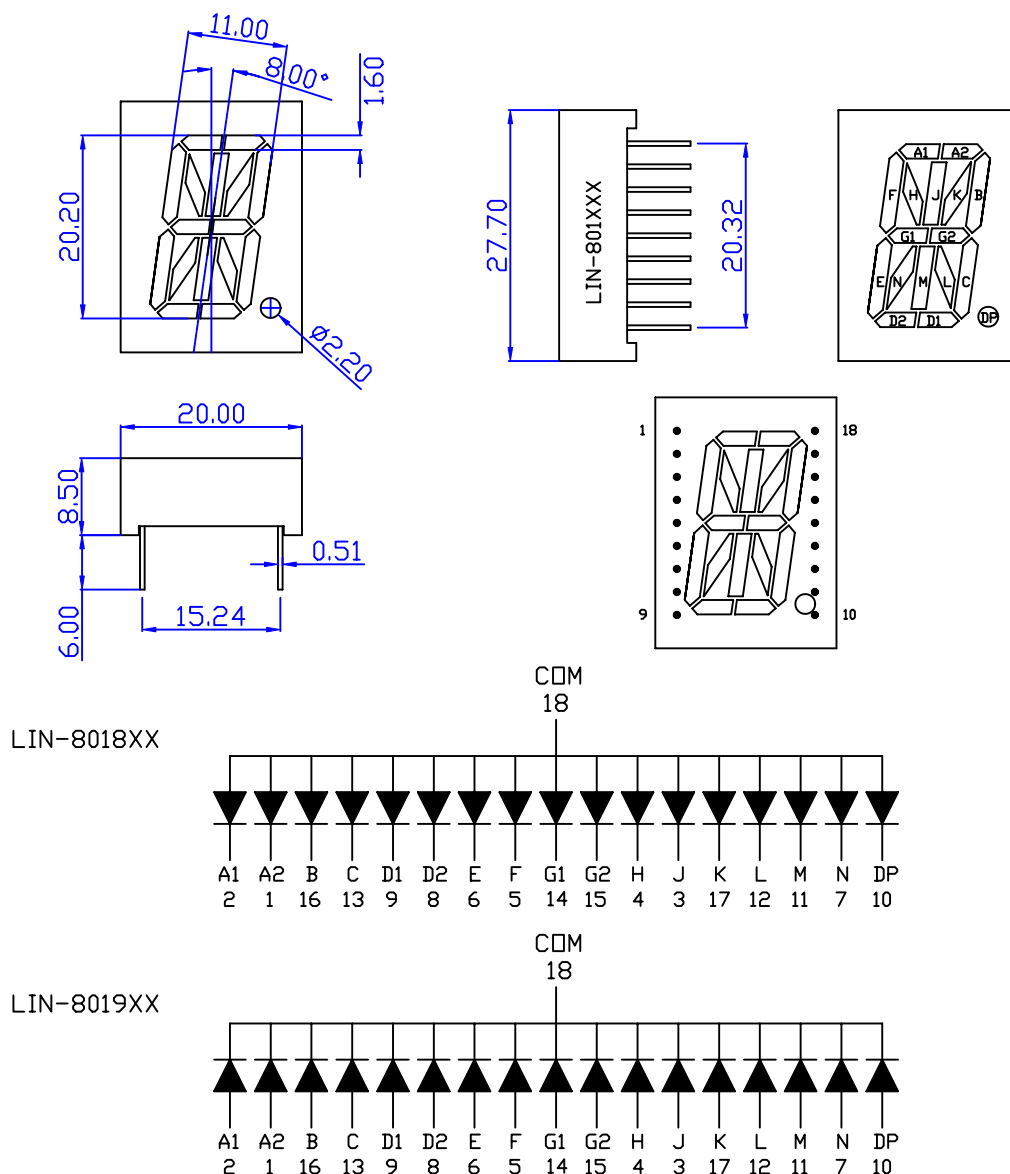
Features

- 0.80 " 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 Super Green source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Super Green Light Emitting Diode.

Package Dimensions & Internal Circuit Diagram



Notes:

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

Absolute Maximum Rating ($T_a=25^\circ\text{C}$)

Parameter	Symbol	Green (GaP/GaP)	Unit
Power dissipation	P_{AD}	65	mW
Derating liner from 25°C	--	0.33	$\text{mA}/^\circ\text{C}$
Continuous Forward current	I_{AF}	25	mA
Peak forward current (Duty	I_{PF}	90	mA
Reverse voltage	V_R	5	V
Operating temp.	T_{OPR}	$-20\sim+85$	$^\circ\text{C}$
Storage temp.	T_{STG}	$-25\sim+85$	$^\circ\text{C}$

*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 ($T_a=25^\circ\text{C}$)

	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F=20\text{mA}$		2.04		V
Reverse Current	I_R	$V_R=5\text{V}$			100	μA
Luminous Intensity	I_v	$I_F=20\text{mA}$		41.7		mcd
Peak Emission Wavelength	λ_p Hue	$I_F=20\text{mA}$		570		nm
Spectral Line Half-Width	λ	$I_F=20\text{mA}$		30		nm
View Angle	$2\Theta 1/2$	$I_F=20\text{mA}$				deg