0.80? FOUR DIGIT NUMERIC DISPLAY LIN-80410XX SUPER RED
LIN-80411XX SUPER RED

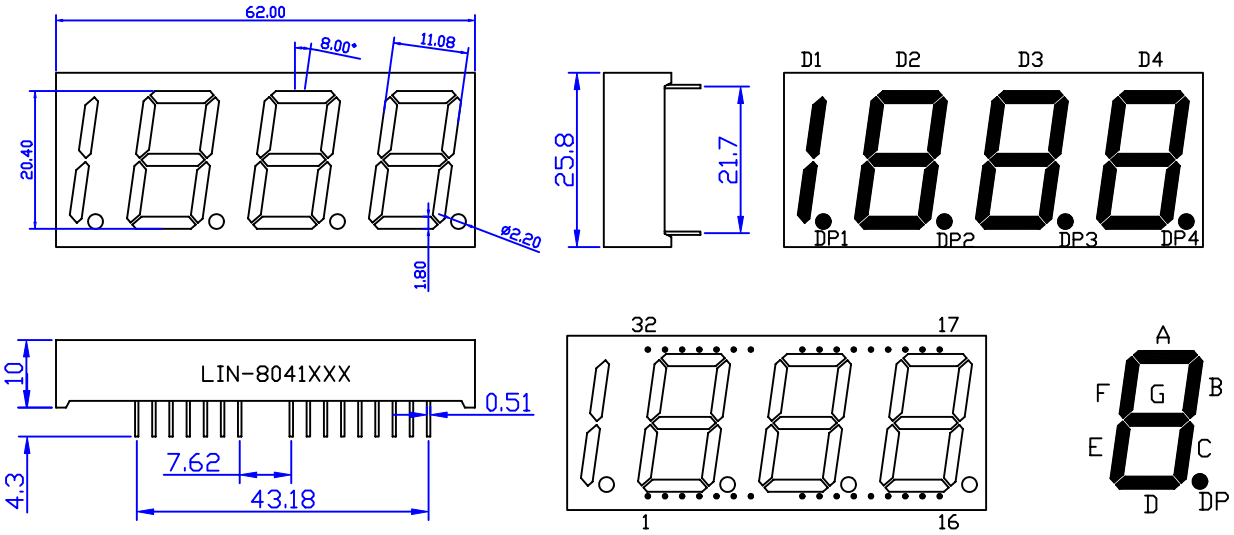
Features

- ◆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.

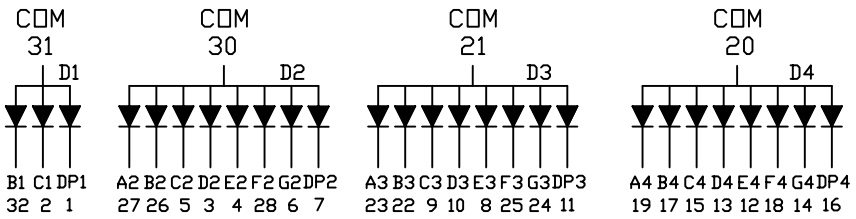
Description

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

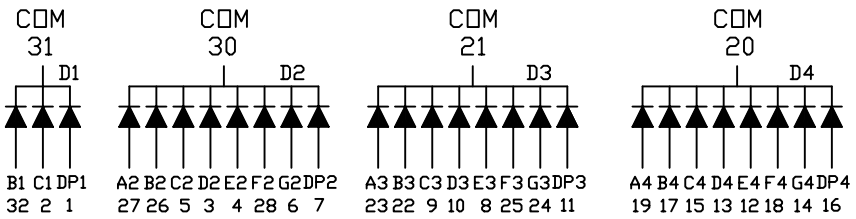
Package Dimensions & Internal Circuit Diagram



LIN-80410XX



LIN-80411XX



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℃) (Per Segment)

Parameter	Symbol	Red (GaAIAs/GaAs,SH)	Unit
Continuous Forward current	I_{AF}	30	mA
Peak forward current (Duty	I_{PF}	200	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 3 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℃)

	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	I_F=20mA		1.81		V
Reverse Current	I_R	V_R=5V			100	μA
Luminous Intensity	Iv	I_F=10mA		17.48		mcd
Peak Emission Wavelength	λp	I_F=20mA		660		nm
Spectral Line Half-Width	△λ	I_F=20mA		20		nm
View Angle	2Θ1/2	IF-20mA				deg