

0.45" SINGLE DIGIT NUMERIC DISPLAY LIN-4536XX SUPER YELLOW

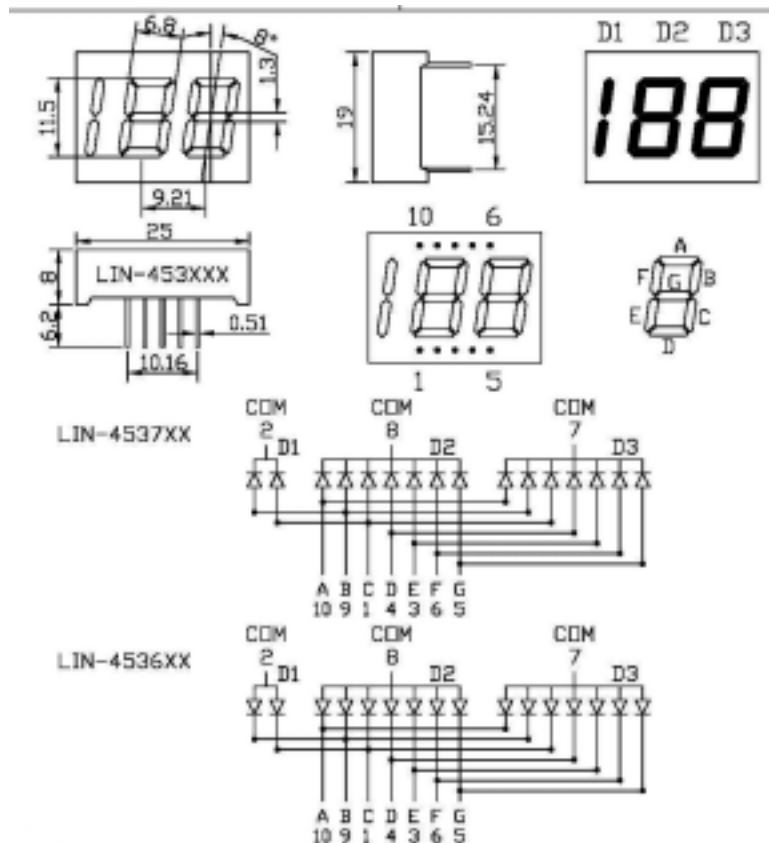
Features

- ◆0.45" 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 Yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Super Yellow 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 (Ta=25 °C)

Parameter	Symbol	Yellow (GaAsP/GaP)	Unit
Continuous Forward current	I _{AF}	30	mA
Peak forward current (Duty Cycle=1/10,1KHz)	I _{PF}	100	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 °C)

	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =20mA		2.1	2.8	V
Reverse Current	I _R	V _R =5V			100	μA
Luminous Intensity	I _v	I _F =20mA		85.19		mcd
Peak Emission Wavelength	λ _p	I _F =20mA		585		nm
	λ _D Hue			589		
Spectral Line Half-Width	Δλ	I _F =20mA		35		nm
View Angle	2Θ 1/2	I _F =20mA		22		deg