

0.45" SINGLE DIGIT NUMERIC DISPLAY LIN-4536XX ULTRA RED

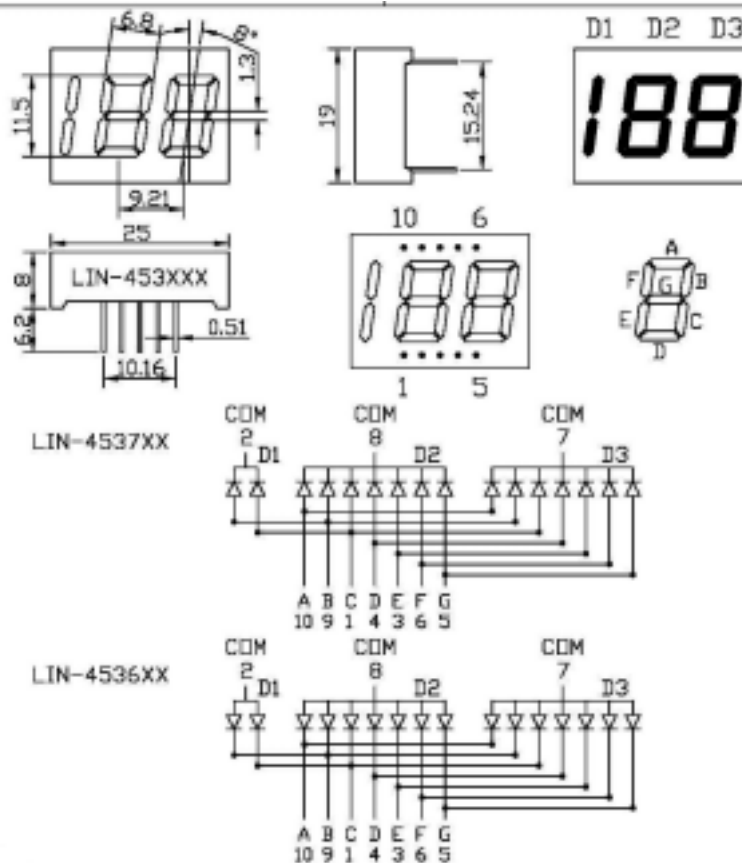
Features

- ◆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 Ultra Red source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Ultra Red 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	Red (GaAlAs/GaAs,SH)	Unit
Continuous Forward current	I _{AF}	30	mA
Peak forward current (Duty Cycle=1/10,1KHz)	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 °C)

	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =20mA	1.8	2.0	2.2	V
Reverse Current	I _R	V _R =5V			100	μA
Luminous Intensity	I _v	I _F =20mA				mcd
Peak Emission Wavelength Hue	λ _p	I _F =20mA		637		nm
	Hue			633		
Spectral Line Half-Width	λ	I _F =20mA		20		nm