

0.30 FOUR DIGIT NUMERIC DISPLAY

LIN-3040XX SUPER RED

LIN-3041XX SUPER RED

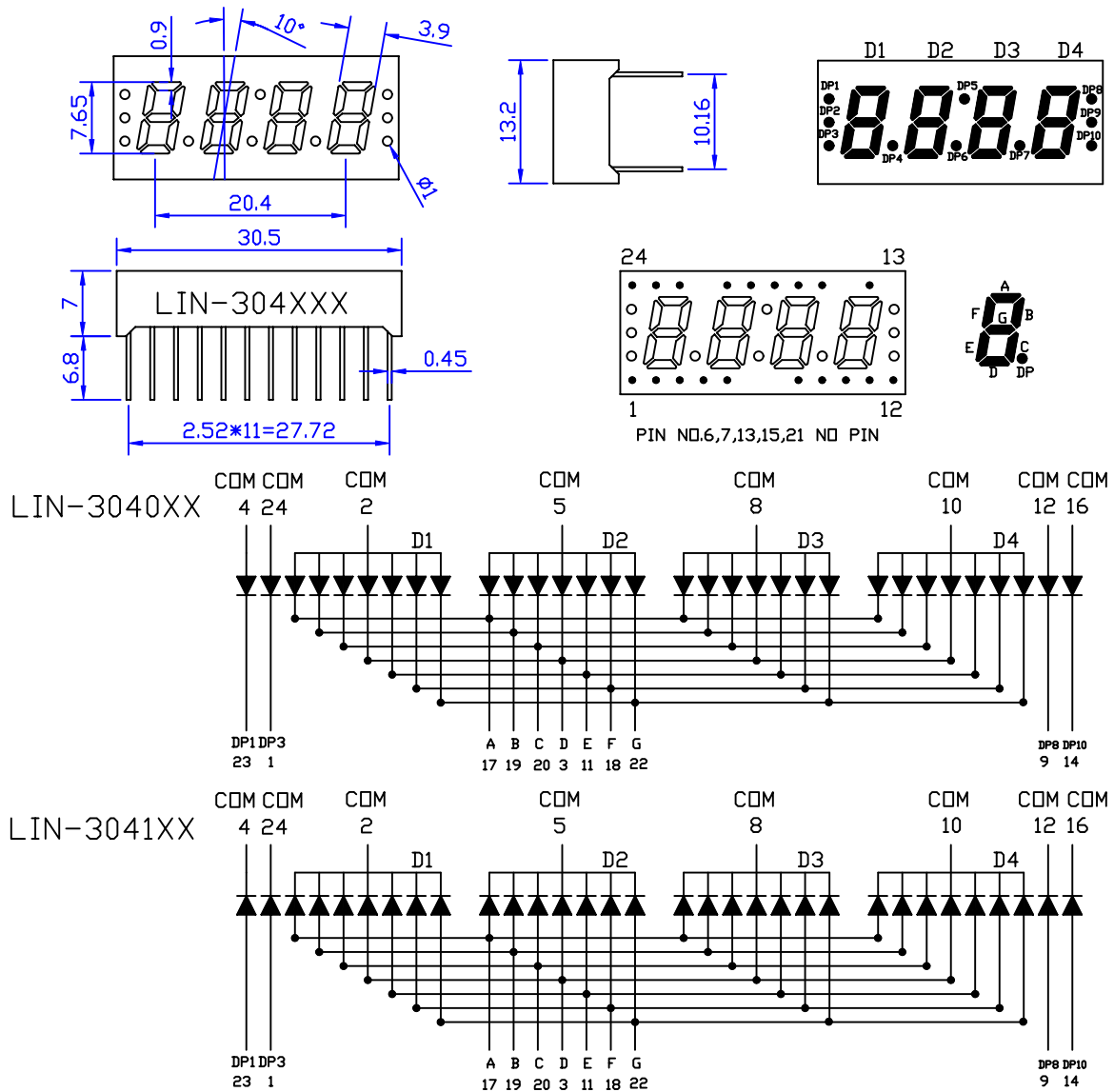
Features

- 0.30 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



Notes:

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

Absolute Maximum Rating (Ta=25 °C) (Per Segment)

Parameter	Symbol	Red (GaAlAs/GaAs,SH)	Unit
Continuous Forward current	I_{AF}	30	mA
Peak forward current (Duty Cycle 1/10-1/100)	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	$I_F=20mA$		1.81		V
Reverse Current	I_R	$V_R=5V$			100	μA
Luminous Intensity	I_v	$I_F=10mA$		17.48		mcd
Peak Emission Wavelength	λ_p	$I_F=20mA$		660		nm
Spectral Line Half-Width	λ	$I_F=20mA$		20		nm
View Angle	2 1/2	$I_F=20mA$				deg