Ningbo Sunpu LED

DISPLAY SPECIFICATION

Part No.: NEQ-2542AG-11

Features:

- Industrial standard size.
- Low current operation.
- Easy mounting on P.C. boards or sockets.
- I.C. compatible.
- Mechanically rugged.
- Pb free.
- RoHS compliant.

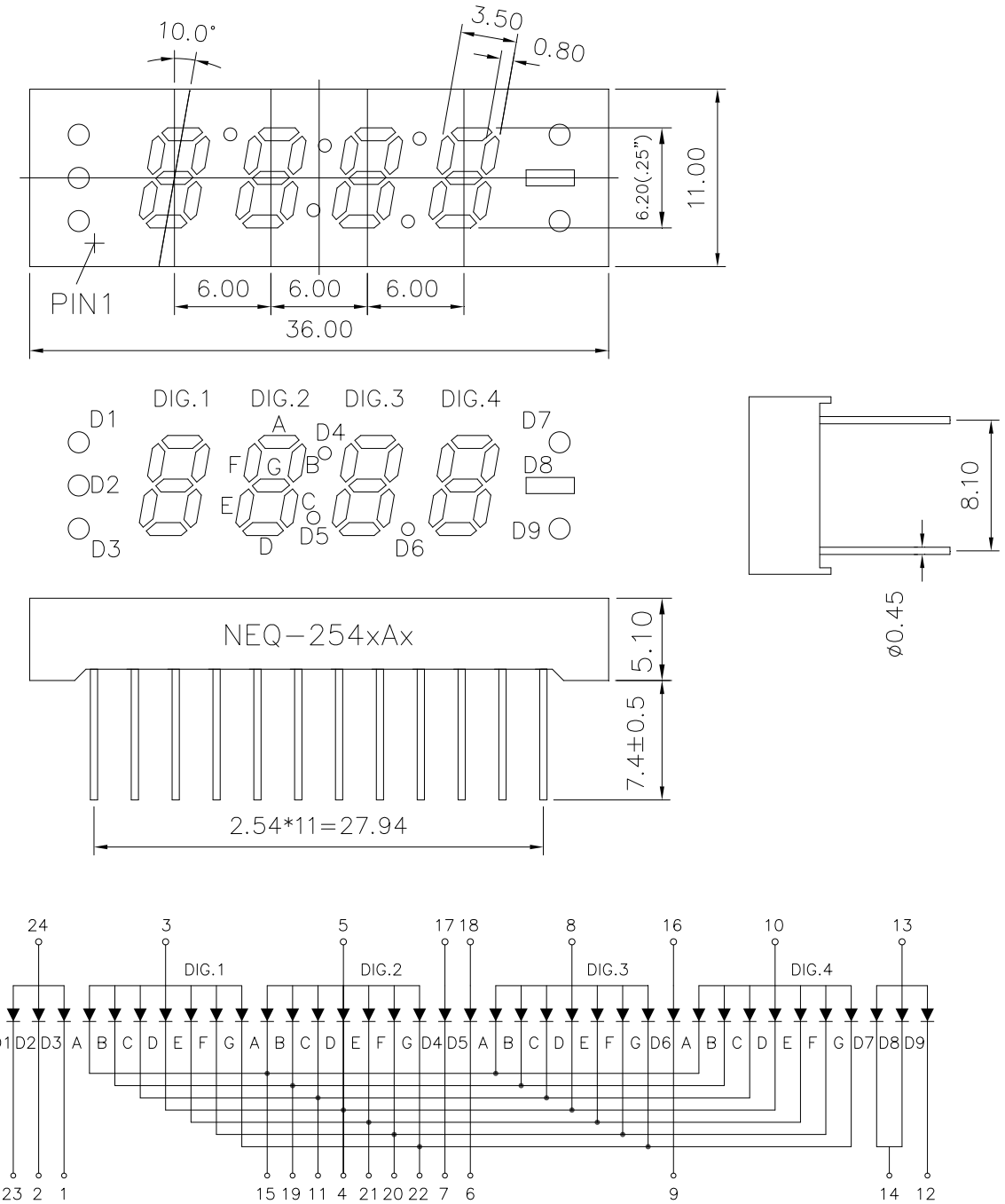
Descriptions:

- The NEQ-254xAx series is a large 6.2mm （0.25”）high seven segment display.
- These displays provide excellent reliability in bright ambient light.
- These devices are made with black surface and white segments.
- The Green source color devices are made with Gallium Phosphide Green Light Emitting Diode

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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.

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Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol		Value		Unit
			Min.	Max.	
Reverse Voltage	V_R	----	----	5	V
Forward Current	I_F	----	----	25	mA
Power Dissipation	Pd	----	----	60	mW
Pulse Current	Ipeak	Duty=0.1mS，1kHz	----	80	mA
Operating Temperature	Topr	----	-25	+85	℃
Storage Temperature	Tstr	----	-30	+85	℃
Solder Temperature	Tsol	1/16inch below Seating plane	260/3		℃/s

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Values			Unit
			Min.	Typ.	Max.	
Forward Voltage	V_F	I_F=20mA	----	2.3	2.6	V
Reverse Current	I_R	V_R=5V	----	----	30	μA
Dominate Wavelength	λ_d	I_F=20mA	----	570	----	nm
Peak Wavelength	λ_p	I_F=20mA	----	568	----	nm
Spectral Line half-width	$\Delta\lambda$	I_F=20mA	----	30	----	nm
Luminous Intensity	I_V	I_F=10mA	----	2500	----	ucd

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Typical electrical/optical characteristic curves:

