



## 10 Segment Bi-Color Light Bar Display

### Features:

- \*High segment intensity
- \*Wide viewing angle
- \*Range of colours
- \*Gray face White segment
- \*Rohs compliant

### Available option:

- \*Alternative face and segment colour
- \*Alternative font
- \*Cropped terminal pins
- \*Available emitting colour
- \*Low current version

### Electro/Optical Characteristics If=20mA Ta=25°C

Part Number Common Cathode	Part Number Common Anode	Emitting Colors	Peak Wavelength	Forward Voltage Vf		Luminous Intensity Iv	
				Typical	Max.	Min.	Typical
NFA-R102510AEG-21	NFA-R102510BEG-21	GaAsP/GaP Orange	630	2.10	2.50	80.0	120.0
		GaP/GaP Green	570	2.20	2.50	70.0	110.0
Units			nm	V		mcd	

### Maximum Ratings Ta=25°C (Derate above 25°C)

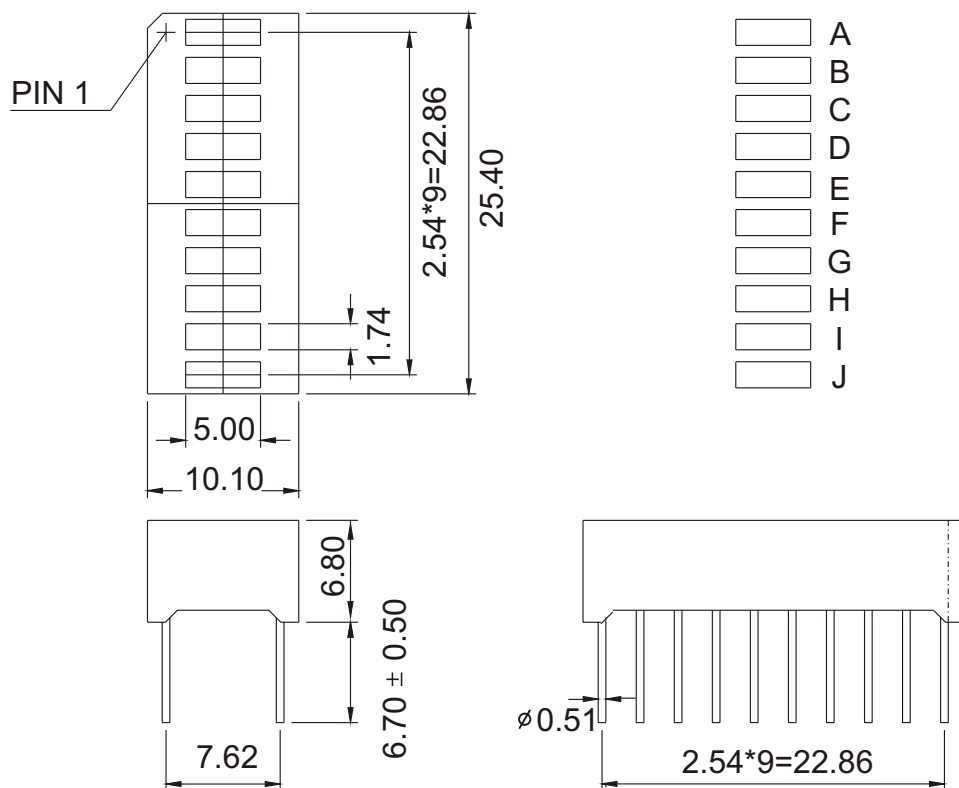
Characteristic	Condition	Symbol	Orange	Green				Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I <sub>FP</sub>	150	150				mA
DC Forward Current		I <sub>F</sub>	30	30				mA
Reverse Current	V <sub>r</sub> =5V	I <sub>R</sub>	20	20				μA
Power Dissipature		P <sub>D</sub>	80*10	80*10				mW
Operating Temperature		T <sub>OPR</sub>	-40 to +80					°C
Storage Temperature		T <sub>TSG</sub>	-40 to +85					°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260					°C

Checked	Chen N.H.	Approved	Jason Chen	Date	2006/06/04	PAGE 1 / 2
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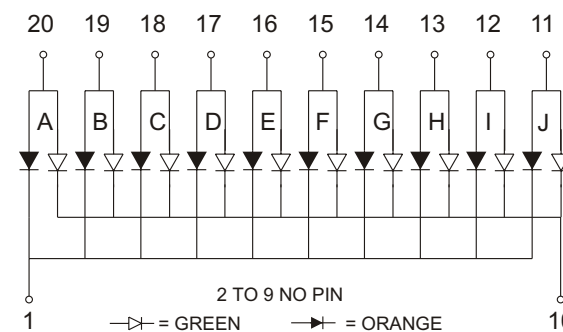
# 10 Segment Bi-Color Light Bar Display

## PACKAGE DIMENSION

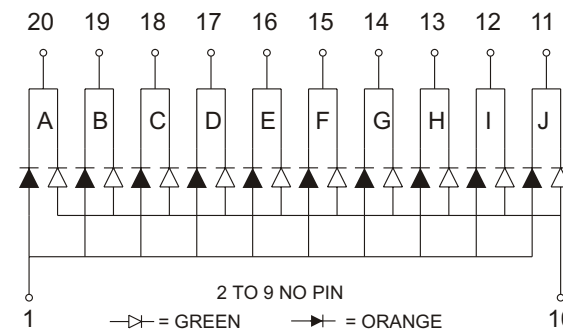


## INTERNAL CIRCUIT DIAGRAM

### Common Cathode NFA-R102510AEG



### Common Anode NFA-R102510BEG



Tolerance ±0.25mm unless stated

Checked

Chen N.H.

Approved

Jason Chen

Date

2006/06/04

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