



25.4mm X 10.1mm 10 Segment Three Color Light Bar

Features:

- *High segment intensity
- *Wide viewing angle
- *Range of colors
- *Black face White segment
- *RoHS compliant

Available option:

- *Alternative face and segment color
- *Cropped terminal pins
- *Available emitting color
- *Low current version

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

Part Number	Emitting Color	Peak Wavelength	Forward Voltage V _F /Seg.		Luminous Intensity I _v /Seg.	
			Typ.	Max.	Min.	Typ.
NFA-R102510ZUGb6UYb3UHRb1-11	AlGaInP Ultra Green	574	2.00	2.50	25.0	35.0
	AlGaInP Ultra Yellow	590	2.00	2.50	40.0	55.0
	AlGaInP Ultra Red	640	2.00	2.50	40.0	55.0
Units		nm	V		mcd	

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

Characteristic	Test Condition	Symbol	UG	UY	UHR				Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I _{FP}	80	80	80				mA
DC Forward Current Per Seg.		I _F	25	25	25				mA
Reverse Current Per Seg.	V _R =5V	I _R	10	10	10				μA
Power Dissipation		P _D	75*6	60*3	60*1				mW
Operating Temperature		T _{OPR}	-40 to +80						°C
Storage Temperature		T _{TSG}	-40 to +85						°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260						°C

Checked

Chen N.H.

Approved

Jason Chen

Date

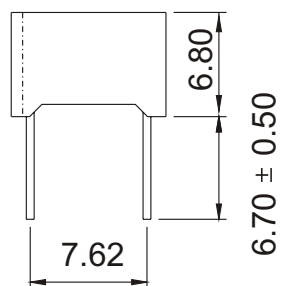
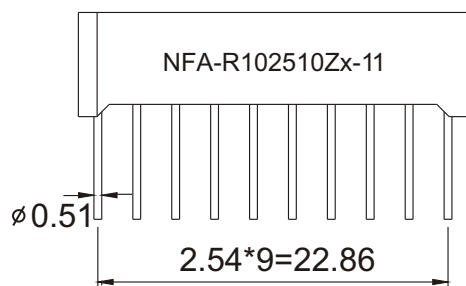
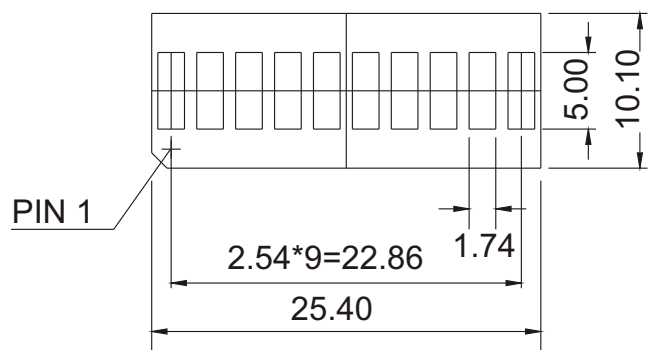
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PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM

NFA-R102510Zx

