宁波飞扬电子有限公司
Ningbo Flying Electronics Co.,Ltd.

10 Segment Single Color Light Bar Display

Features:

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

Available option:

*Altermative face and segment colour
*Altermative font
*Cropped terminal pins
*Available emitting colour
*Low current version

Electro/Optical Characteristics If=20mA Ta=25℃

Part Number		Emitting Colors	Peak Wavelengh	Forward Voltage Vf		Luminous Intensity Iv	
				Typical	Max.	Min.	Typical
NFA-R102510ZS-21		GaAlAs/GaAs SH Hi-Red	660	1.85	2.20	80.0	120.0
Units			nm	V		mcd	

Maximum Ratings Ta=25℃ (Derate above 25℃)

Characteristic	Condition	Symbol	Hi-Red						Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I_{FP}	150						mA
DC Forward Current		I_F	25						mA
Reverse Current	Vr=5V	I_R	20						μA
Power Dissipature		P_D	65*10						mW
Operating Temperature		T_{OPR}	-40 to +80						℃
Storage Temperature		T_{TSG}	-40 to +85						℃
Lead soldering temperature	1.60mm from body maximum 3 seconds		260						℃

Checked	Chen N.H.	Approved	Jason Chen	Date	2006/06/04	PAGE 1 /2

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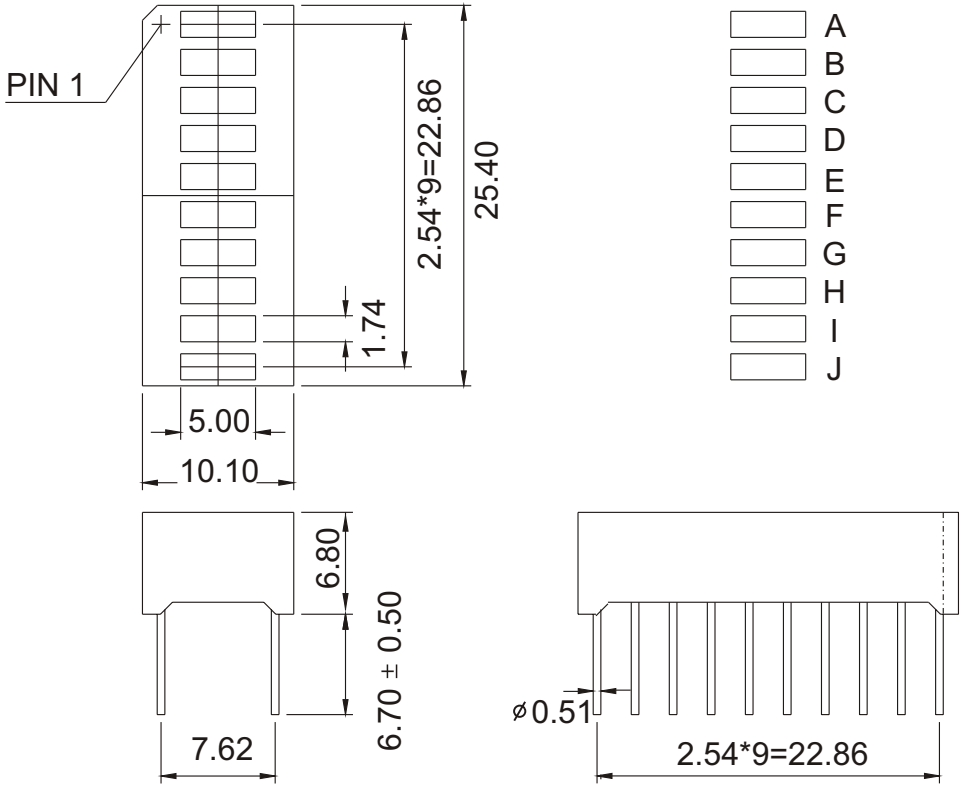
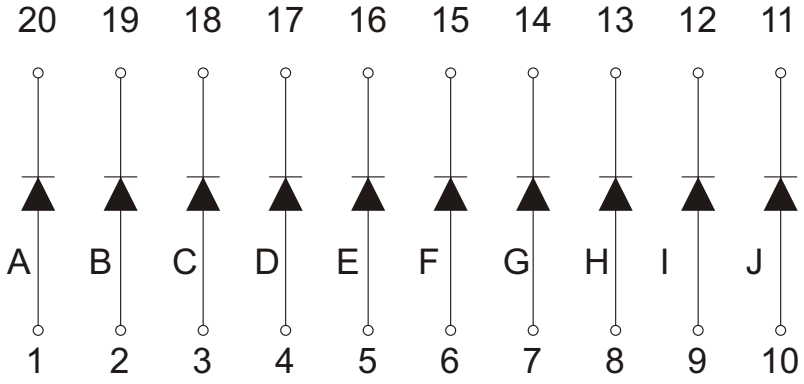
PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM

NFA-R102510Zx



Tolerance ±0.25mm unless stated

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