



宁波飞扬电子有限公司

Ningbo Flying Electronics Co.,Ltd.

25.5mm*46.0mm Equilateral Special Design Arrow Led Displays

Features:

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

Available option:

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

Electro/Optical Characteristics If=20*4mA Ta=25°C

Part Number		Emitting Colors	Peak Wavelength	Forward Voltage V _F /Seg.		Luminous Intensity I _v /Seg.	
				Typ.	Max.	Min.	Typ.
NFA-T2546ZH-01		GaP/GaP Red	700	6.75	5.00	4.80	9.60
NFA-T2546ZS-01		GaAlAs/GaAs SH Hi-Red	660	5.40	6.60	96.00	144.00
NFA-T2546ZD-01		GaAlAs/GaAs DH Super Red	660	5.40	6.60	132.00	336.00
NFA-T2546ZE-01		GaAsP/GaP Orange	632	6.30	7.50	96.00	144.00
NFA-T2546ZY-01		GaAsP/GaP Yellow	585	6.30	7.50	48.00	84.00
NFA-T2546ZG-01		GaP/GaP Green	568	6.60	7.50	84.00	132.00
Units			nm	V		mcd	

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

Characteristic	Test Condition	Symbol	H	S	D	E	Y	G	Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I _{FP}	50*4	100*4	100*4	100*4	100*4	100*4	mA
DC Forward Current Per Seg.		I _F	15*4	25*4	25*4	30*4	30*4	30*4	mA
Reverse Current Per Seg.	V _R =10V	I _R	10	10	10	10	10	10	μA
Power Dissipation		P _D	40*12	60*12	60*12	80*12	80*12	80*12	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

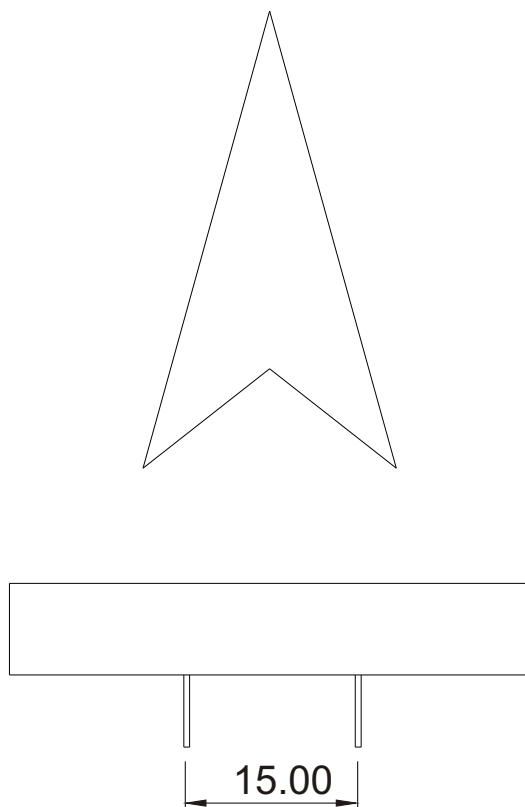
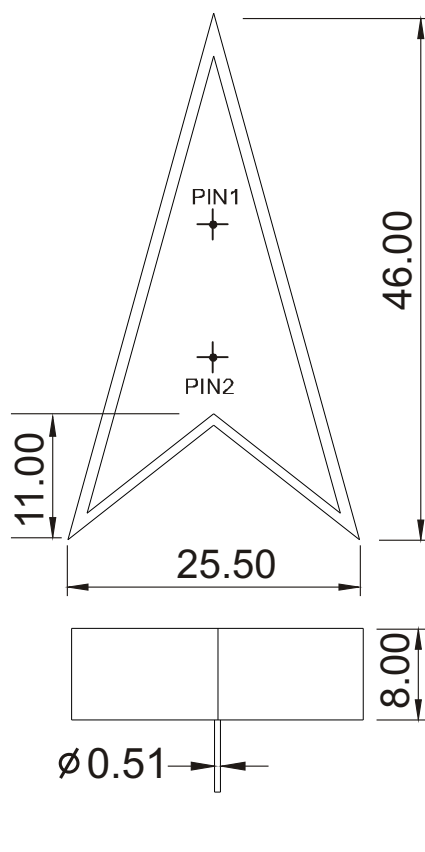
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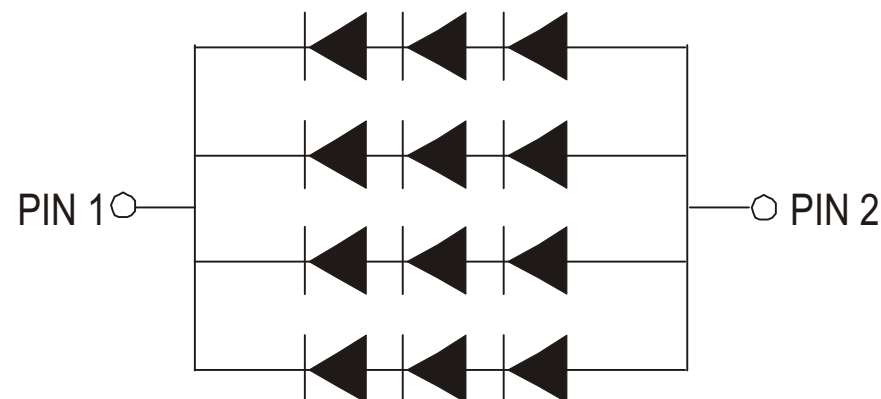
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PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM

NFA-T2546Zx



Tolerance $\pm 0.25\text{mm}$ unless stated

Checked

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