



## 17mm Round Single Color Light Bar

### Features:

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

### Available option:

- \*Cropped terminal pins
- \*Available emitting color
- \*Low current version

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

Part Number	Emitting Colors	Peak Wavelength	Forward Voltage V <sub>F</sub>		Luminous Intensity I <sub>v</sub>	
			Typ.	Max.	Min.	Typ.
NFA-C17ZUHR4-01	AlGaInP/GaAs Ultra Red	640	8.00	10.00	160.00	240.00
Units		nm	V		mcd	

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

Characteristic	Test Condition	Symbol	UHR					Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I <sub>FP</sub>	100					mA
DC Forward Current Per Seg.		I <sub>F</sub>	30					mA
Reverse Current Per Seg.	V <sub>R</sub> =10V	I <sub>R</sub>	10					μA
Power Dissipation		P <sub>D</sub>	65*4					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

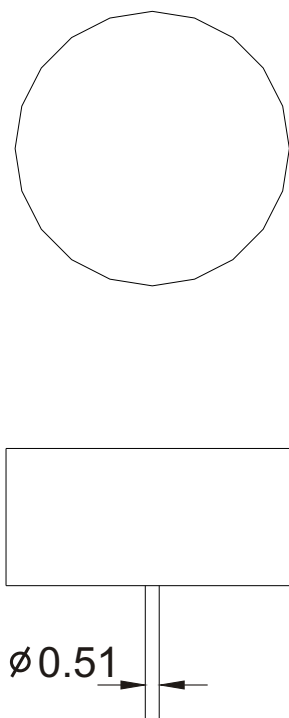
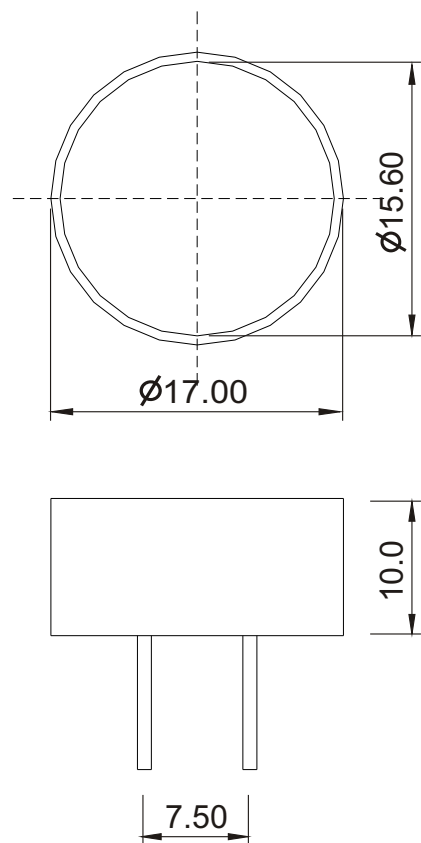
Mar/06/2007

PAGE 1 / 2



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### PACKAGE DIMENSION



### INTERNAL CIRCUIT DIAGRAM

#### NFA-C17Zx4



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

Checked

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PAGE 2 / 2