YETDA INDUSTRY LTD.

Technical Data Sheet

MODEL NO： Q126NEI4U **126 Super Flux 4 Pins LED LAMP**

Features：

●Compatible with automatic placement equipment

●Compatible with reflow solder process

Applications：

●Indicators

Dice material	Emitted color	Lens Color
AlGaInP	Red	Water Clear

Electrical/Optical Characteristics(Ta=25℃)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
Dominant wavelength	I_F=20mA	λ_D	620	625	630	nm
Forward voltage	I_F=20mA	V_F		2.4	2.4	V
Luminous Intensity	I_F=20mA	φV		4000		mcd
Viewing angle at 50% Iv	I_F=20mA	2θ 1/2		30		Deg
Reverse current	V_R=5V	I_R			100	μA

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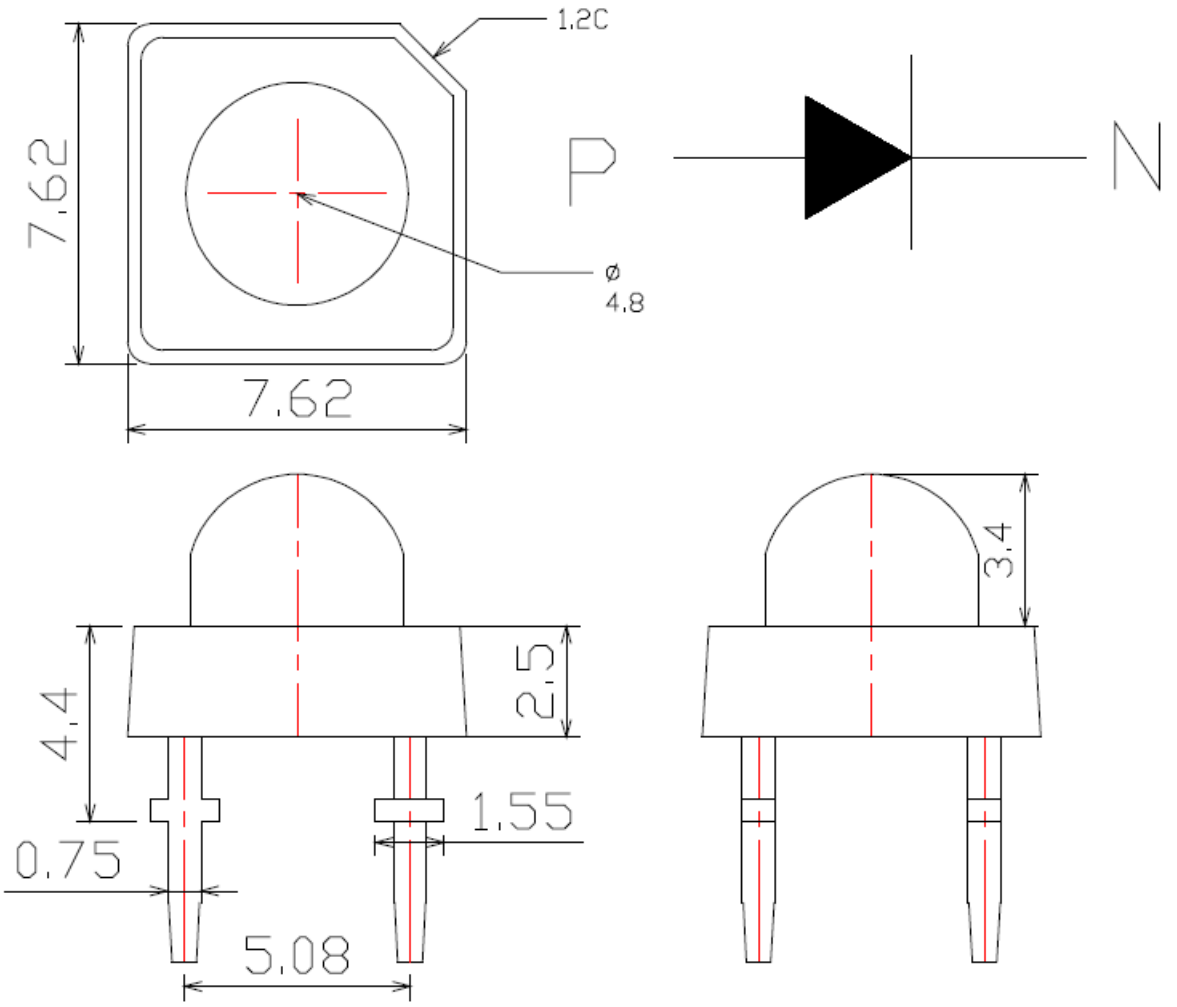
Absolute Maximum Ratings(Ta=25℃)

Parameter	Symbol	Value	Unit
Power dissipation	Pd	120	mW
Forward current	I_F	30	mA
Reverse voltage	V_R	5	V
Operating temperature range	Top	-20 ~+75	℃
Storage temperature range	Tstg	-30 ~+85	℃
Peak pulsing current (1/8 duty f=1kHz)	I_{FP}	100	mA

PACKAGING DIMENSIONS (mm):



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Typical Electro-Optical Characteristics Curve:

Fig 1. Forward Current vs. Forward Voltage

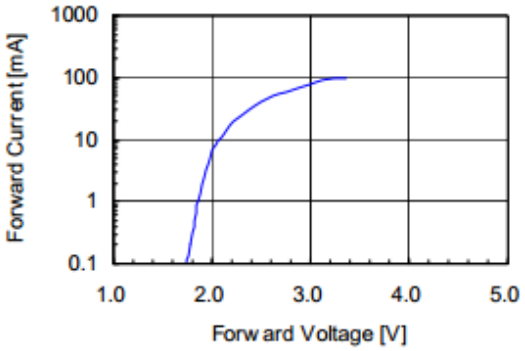

Fig 2. Relative Intensity vs. Forward Current

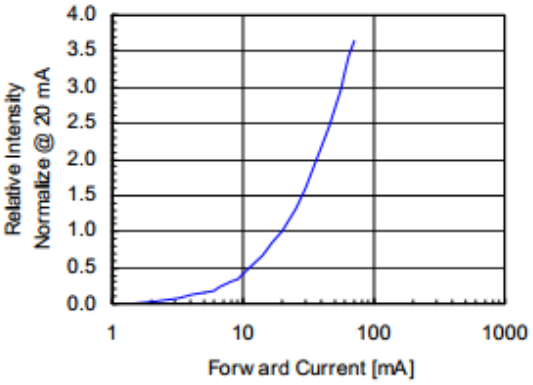

Fig 3. Forward Voltage vs. Temperature

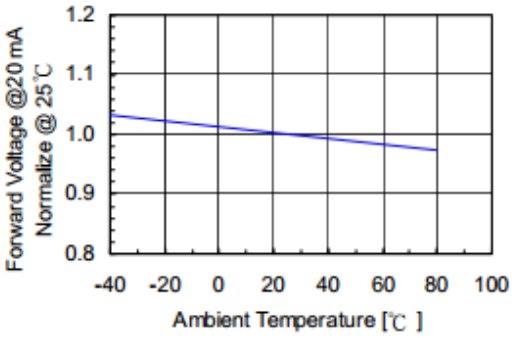

Fig 4. Relative Intensity vs. Temperature

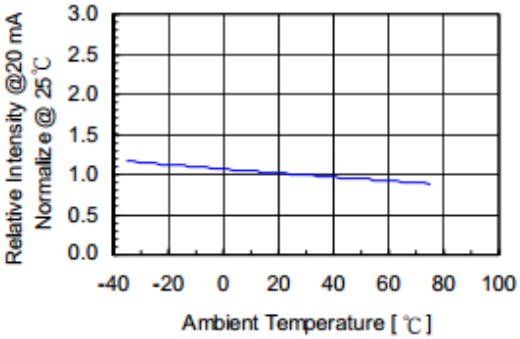

Fig 5. Relative Intensity vs. Wavelength