



YETDA INDUSTRY LTD.

Technical Data Sheet

MODEL NO : Q776A4-H

3528 Package 2.8*3.2mm Chip LEDs

Features :

- Compatible with automatic placement equipment
- Compatible with reflow solder process

Applications :

- Indicators
- Automotive : backlighting in dashboard and switch
- Backlight for LCD

Dice material	Emitted color	Lens Color
AlGaInP	Amber	Water Clear

Electrical/Optical Characteristics(Ta=25°C)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
Wavelength at peak emission	If=20mA	λ peak				nm
Dominant wavelength	If=20mA	λ dom	617		627	nm
Forward voltage	If=20mA	Vf	1,8		2.4	V
Luminous intensity	If=20mA	Iv	600		780	mcd
Viewing angle at 50% Iv	If=20mA	2 θ 1/2		120		Deg
Reverse current	Vr=5V	Ir			10	μ A

Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Value	Unit
Power dissipation	Pd	70	mW
Forward current	If	30	mA
Reverse voltage	Vr	5	V
Operating temperature range	Top	-40 ~+80	°C
Storage temperature range	Tstg	-40 ~+100	°C
Peak pulsing current (1/8 duty f=1kHz)	I _{fp}	140	mA

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PACKAGING DIMENSIONS

