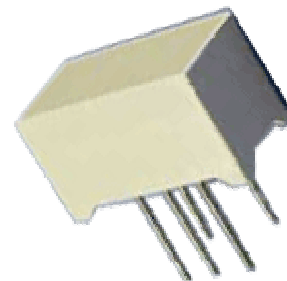




## 14 × 7 light bar

### ◆ Features:

- Emitting area : 14×7 (mm)
- High efficiency, low power consumption.
- Excellent characters appearance.
- Solid state reliability.
- Categorized for luminous intensity.



### ◆ Descriptions:

- The JYBD1407SA2 have uniform emitting light.
- These devices are made with white segments and white surface.

### ◆ Application

- Instrument panels.
- Digital read out display.

### ◆ Absolute Maximum Rating ( Ta=25℃ )

Parameter	Symbol	Super Red	Green	Yellow	Unit
Power Dissipation	Pd	50	60	60	mW
Peak Forward Current (Duty 1/10@ 1KHz)	IFP	70	70	70	mA
Continuous Forward Current	IF	20	20	20	mA
Recommend use current	IF	5~10	5~10	5~10	mA
Reverse Voltage	VR	5	5	5	℃
Operating Temperature Range	Topr	-25~ +75			℃
Storage Temperature Range	Tstg	-30 ~ +85			℃
Solder Temperature ③	Tsol	260±5			℃

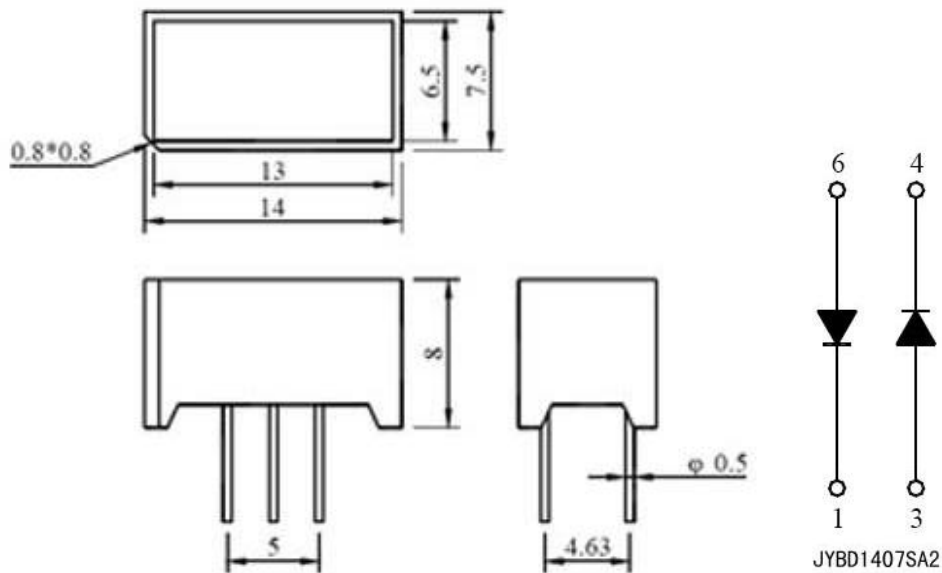
Notes: Soldering time ≤ 5 seconds.



◆ **Electrical Optical Characteristics (Ta=25°C)**

Parameter	Symbol	Super Red		Green		Yellow		Unit	Test Condition
		Typ.	Max	Typ.	Max	Typ.	Max		
Luminous Intensity	IV	13.8	--	6.9	--	6.9	--	mcd	IF=10mA
Forward Voltage	VF	1.85	2.3	2.2	2.5	2.0	2.5	V	IF=20mA
Reverse Current	IR	--	50	--	50	--	50	uA	VR=5V
Dominant Wavelength	$\lambda_d$	645	--	565	--	585	--	nm	IF=20mA
Spectral Line Half Width	$\Delta \lambda$	30	--	30	--	30	--	nm	IF=20mA

◆ **Package Dimensions:**



NOTES:

All dimensions are in millimetres (mm), Tolerance is  $\pm 0.25\text{mm}$  unless otherwise noted.  
Specifications are subject to change without notice.