



19mm round light bar

◆ Features:

- Emitting area : 19mm
- High efficiency, low power consumption.
- Excellent characters appearance.
- Solid state reliability.
- Categorized for luminous intensity.



◆ Descriptions:

- The JYBD19RC5 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	230	280	280	mW
Peak Forward Current (Duty 1/10@ 1KHz)	IFP	60	60	60	mA
Continuous Forward Current /Segment	IF	15	15	15	mA
Recommend use current /Segment	IF	5~10	5~10	5~10	mA
Reverse Voltage	VR	15	15	15	℃
Operating Temperature Range	Topr	-25~ +75			℃
Storage Temperature Range	Tstg	-30 ~ +85			℃
Solder Temperature ③	Tsol	260±5			℃

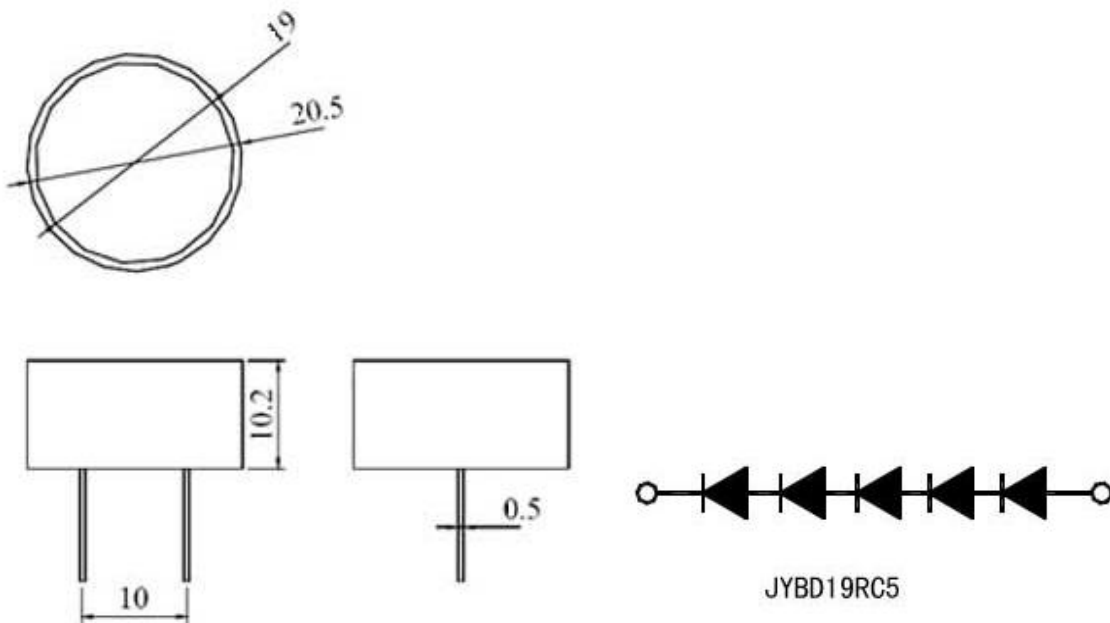
Notes: Soldering time ≤ 5 seconds.



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

Parameter	Symbol	Super Red		Green		Yellow		Unit	Test Condition
		Typ.	Max	Typ.	Max	Typ.	Max		
Luminous Intensity	IV	38	--	17	--	17	--	mcd	IF=10mA
Forward Voltage	VF	9.25	11.5	11	12.5	10.0	12.5	V	IF=20mA
Reverse Current	IR	--	50	--	50	--	50	uA	VR=5V
Dominant Wavelength	λ_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.