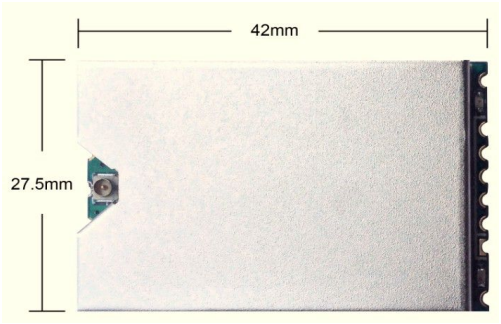
KYL-200I Wireless Data Transceiver

Characteristics:



- All components in signal side. Stamp hole design.Can use like a SMT unit.
- Small size: 42mm*27.5mm*5mm
- Transparent serial transmission. No program needed.
- Low power consumption: sleeping current is less than 10uA
- Working temperature: -40℃ ~ +80℃(industry)
- Various frequency bands for choosing (433MHz, 868MHz or 915MHz)
- With RSSI function, convenient for adjusting and networking
- Whole shielding design, built in kinds of filters, high anti-interference ability.
- 27-30dBm power output can keep high performance,low noise, long transmission distance and good diffraction ability.

Application areas:

- Wireless PDA
- Various of hand-held instruments
- Medical pagers, alarm device
- Industrial remote controller, industrial scanner
- Wireless dish-ordering terminal

Parameter:

- Power supply DC: 3.3V-8.4V(Customize)
- Power output: ≤500mW、1W
- Receiving current:<20mA Receiving sensibility:-118dBm(9600bps)
- Transmitting current: <300mA;
- Sleeping current: <10uA;
- Transmission distance: >1000m
- Dimension:42mm*27.5mm*5mm (antenna connector not included)

Interface:

	Pin name	Function description	I/O	level	remarks
1	GND	Power ground	-		
2	VCC	Power supply DC	-	5 V	
3	RXD/TTL	Data receiving（TTL level）	I	TTL	
4	TXD/TTL	Data transmitting（TTL level）	O	TTL	
5	sleep	Sleep control（low level valid）	I	TTL	Low level valid