



8. Component listing

Part Name	Description	Number of Units	Notice
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	3	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	2	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
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IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
IC	-	1	
Inductor	-	4	
Inductor	-	1	
Inductor	-	5	
Inductor	12uH	1	
Inductor	22uH	1	
Filter	-	1	



Part Name	Description	Number of Units	Notice
Diode	-	2	
Diode	-	1	
Diode	-	1	
Diode	-	2	
Diode	-	2	
Diode	-	1	
Diode	-	2	
Diode	-	3	
Diode	-	1	
Diode	-	3	
Diode	-	3	
Diode	-	1	
Diode	-	1	
Diode	-	3	
Diode	-	3	
Diode	-	1	
Diode	-	2	
Oscillator	32.768 kHz	1	
Oscillator	16 MHz	1	
Oscillator	18.432 MHz	1	
Transistor	-	1	
Transistor	-	2	
Transistor	-	2	
Transistor	-	3	
Transistor	-	2	
Transistor	-	1	
Transistor	-	1	
Transistor	-	2	
Transistor	-	3	
Transistor	-	1	
Transistor	-	2	
Transistor	-	5	
Transistor	-	2	



Part Name	Description	Number of Units	Notice
Capacitor	0.22F	1	
Capacitor	330uF	2	
Capacitor	100uF	1	
Capacitor	47uF	2	
Capacitor	10uF	5	
Capacitor	2.2uF	1	
Capacitor	1uF	19	
Capacitor	0.22uF	1	
Capacitor	0.1uF	76	
Capacitor	0.01uF	2	
Capacitor	100pF	4	
Capacitor	470pF	2	
Capacitor	22pF	2	
Capacitor	10pF	2	
Connector	-	1	
Connector	-	1	
Connector	-	1	
Connector	-	1	
Connector	-	1	
Connector	-	1	
Terminal	-	1	
Laser Engine	-	1	
RF module	-	1	This RF module is complied with Subpart C of FCC requirement. (FCC ID : IMKRL26330M) But antenna is changed.
Antenna	-	1	This antenna is incorporated in RF Module.
LCD	-	1	
Vibrator	-	1	
Buzzer	-	1	
Switch	-	1	
Battery	-	1	
Wire	-	1	



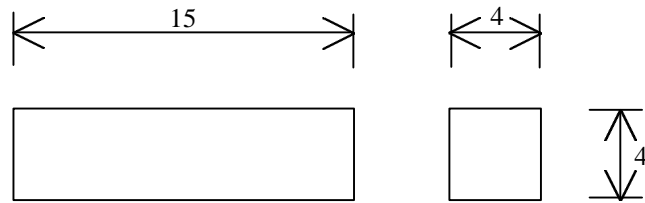
Part Name	Description	Number of Units	Notice
Resistor	0Ω	13	
Resistor	1Ω	2	
Resistor	5.6Ω	1	
Resistor	10Ω	2	
Resistor	12Ω	2	
Resistor	22Ω	1	
Resistor	39Ω	3	
Resistor	51Ω	1	
Resistor	100Ω	3	
Resistor	180Ω	1	
Resistor	240Ω	1	
Resistor	470Ω	1	
Resistor	680Ω	1	
Resistor	1kΩ	17	
Resistor	1.2kΩ	1	
Resistor	2kΩ	1	
Resistor	2.2kΩ	1	
Resistor	3.3kΩ	3	
Resistor	3.9kΩ	1	
Resistor	4.3kΩ	1	
Resistor	4.7kΩ	3	
Resistor	6.8kΩ	2	
Resistor	10kΩ	16	
Resistor	13kΩ	1	
Resistor	15kΩ	2	
Resistor	27.4kΩ	2	
Resistor	30kΩ	24	
Resistor	33kΩ	3	
Resistor	47kΩ	4	
Resistor	68.1kΩ	1	
Resistor	75kΩ	1	
Resistor	100kΩ	29	
Resistor	150kΩ	1	
Resistor	330kΩ	3	
Resistor	1MΩ	3	
Resistor	2.4MΩ	1	
Resistor	10MΩ	1	
Variable Resistor	10kΩ	2	

9. Description of antenna

9.1. Electrical description

- Input impedance : 50 ohm (Nominal)
- Frequency band : 2400 MHz to 2497 MHz
- Gain : Over -6dBd
- Maximum allowance electrical power : Less than 1 W

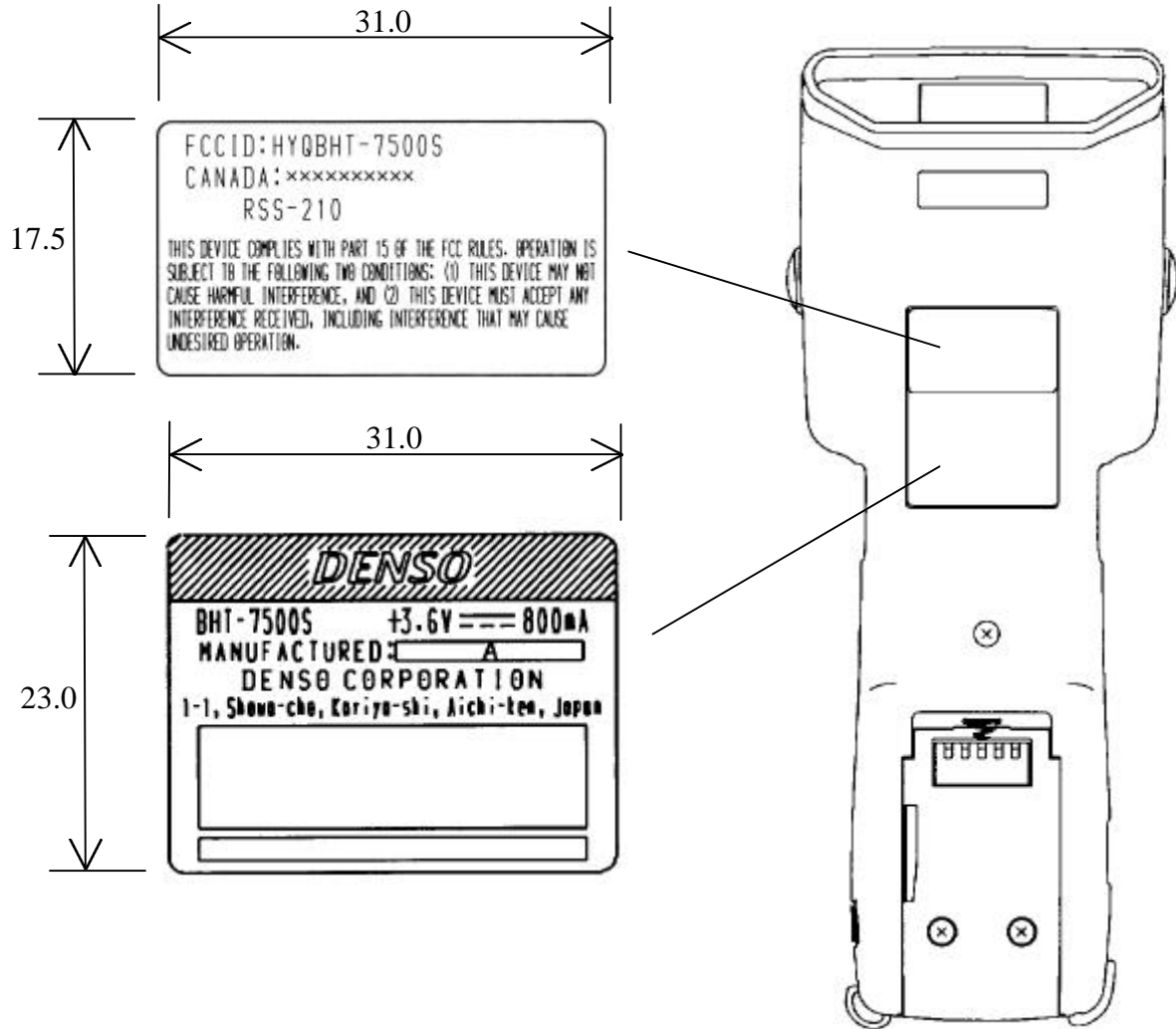
9.2. Appearance of antenna



Unit : mm

Fig. Appearance of antenna

10. Marking location and layout



Unit : mm

Fig. Marking location and layout of Transmitter

Note: Compliance statement of marking will not be changed.
But marking layout and size maybe changed.