

Bluetooth® HCI Module WML-C95

OUTLINE

This is a small-sized Bluetooth® Ver. 4.1 HCI module with antenna built in.

*The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc.



FEATURES

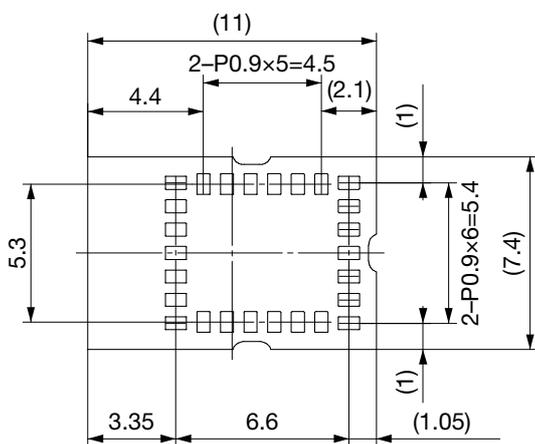
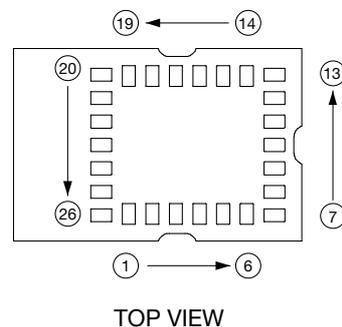
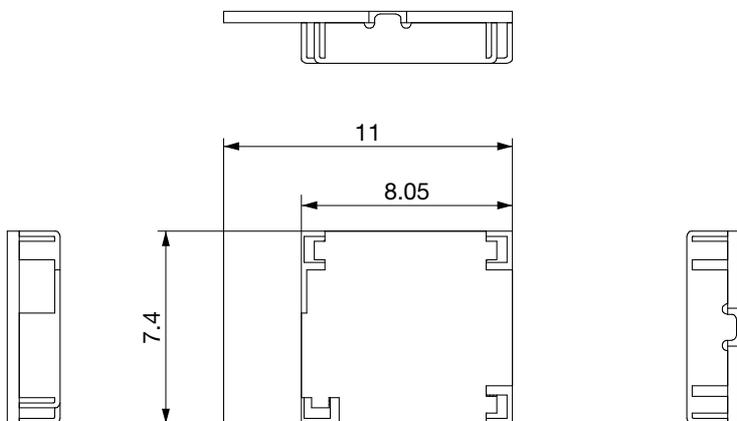
1. Bluetooth® Ver. 4.1 specifications compliant.
2. Built-in antenna.
3. Certified module in TELEC and FCC. Certified module in Bluetooth® SIG as component category.
4. Available in a wide temperature range. (-40°C~+85°C)
5. for in-car hands-free equipment and data communication.

SPECIFICATIONS

Item		Specifications
Bluetooth® (BDR, EDR)	Carrier Frequency	2.402GHz to 2.480GHz
	Output Power	0 dBm Typ./Class2
	Min, Sensitivity	-87 dBm Typ.
	Current	TX : 48mA Max./RX : 40mA Max.
	Modulation	GFSK, PI/4-DQPSK, 8DPSK
	Data rate	GFSK : 1Mbps
		PI/4-DQPSK : 2Mbps 8DPSK : 3Mbps
Host Interface	UART (BluetoothHCI), PCM or I ² S	
Bluetooth® (LE)	Carrier Frequency	2.402GHz to 2.480GHz
	Output Power	0 dBm Typ./Class2
	Min, Sensitivity	-87 dBm Typ.
	Current	TX : 34mA Max./RX : 35mA Max.
	Modulation	GFSK
	Data rate	GFSK : 1Mbps
	Host Interface	UART (BluetoothHCI)

*Specifications subject to change without notice for improvements.

DIMENSIONS



TERMINALS	
① HOST WAKE	⑭ GND
② NC	⑮ UART_TXD
③ VBAT	⑯ UART_RXD
④ BT WAKE	⑰ UART_RTS
⑤ LPO IN	⑱ UART_CTS
⑥ GND	⑲ CLK_REG
⑦ PCM SYNC	⑳ GND
⑧ PCM CLK	㉑ NC
⑨ PCM IN	㉒ GND
⑩ PCM OUT	㉓ GND
⑪ VIO	㉔ GND
⑫ REG ON	㉕ GND
⑬ NC	㉖ GND

Unit : mm

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.