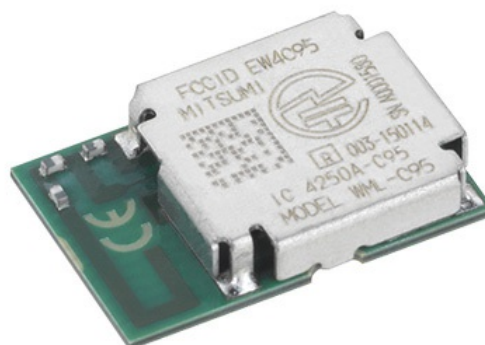


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Features



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.

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

Specifications

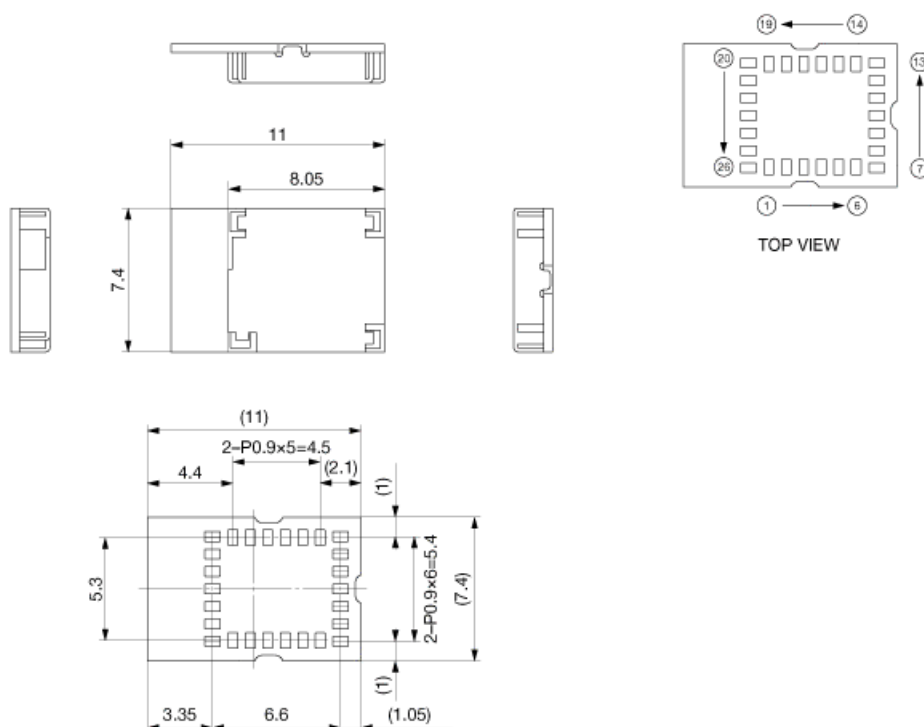
Bluetooth®(BDR, EDR) Carrier Frequency	2.402GHz to 2.480GHz
Bluetooth®(BDR, EDR) Output Power	0 dBm Typ./Class2
Bluetooth®(BDR, EDR) Min, Sensitivity	-87 dBm Typ.
Bluetooth®(BDR, EDR) Current	TX : 48mA Max. / RX : 40mA Max.
Bluetooth®(BDR, EDR) Modulation	GFSK, PI/4-DQPSK, 8DPSK
Bluetooth®(BDR, EDR) Data rate	GFSK : 1Mbps PI/4-DQPSK : 2Mbps 8DPSK : 3Mbps
Bluetooth®(BDR, EDR) Host Interface	UART(BluetoothHCI), PCM or I2S
Bluetooth®(LE) Carrier Frequency	2.402GHz to 2.480GHz

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Bluetooth®(LE) Output Power	0 dBm Typ./Class2
Bluetooth®(LE) Min, Sensitivity	-87 dBm Typ.
Bluetooth®(LE) Current	TX : 34mA Max. / RX : 35mA Max.
Bluetooth®(LE) Modulation	GFSK
Bluetooth®(LE) Data rate	GFSK : 1Mbps
Bluetooth®(LE) Host Interface	UART(BluetoothHCI)

Overall View



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

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NOTE

*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.