

# Bluetooth™ Module WML-C06

Telecommunication component

## OUTLINE

Wireless communication module conforming to Bluetooth Ver. 1.1. This product was Bluetooth standard certified in June, 2001.

Notebook PCs, Head Set, Mobile Phones, Digital Camera, PC Peripherals, PDA.

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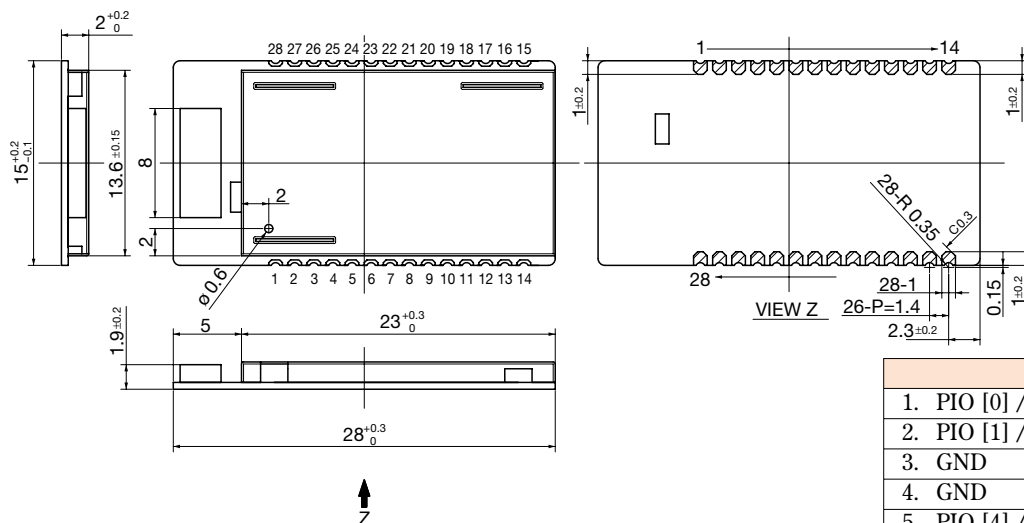
## FEATURES

1. Ultra-small and thin size achieved through use of high density mounting technology.
2. SMD type can be surface mounted.
3. High sensitivity supports communications of up to 10m.
4. UART, USB and PCMIF interfaces enable wide range of applications.
5. Conforms to FCC, CE and other countries' EMI standards.
6. Supports Bluetooth Class2 (CLASS 1-supporting WML-C07 also available.).
7. Two types of models: With/without an antenna are provided.

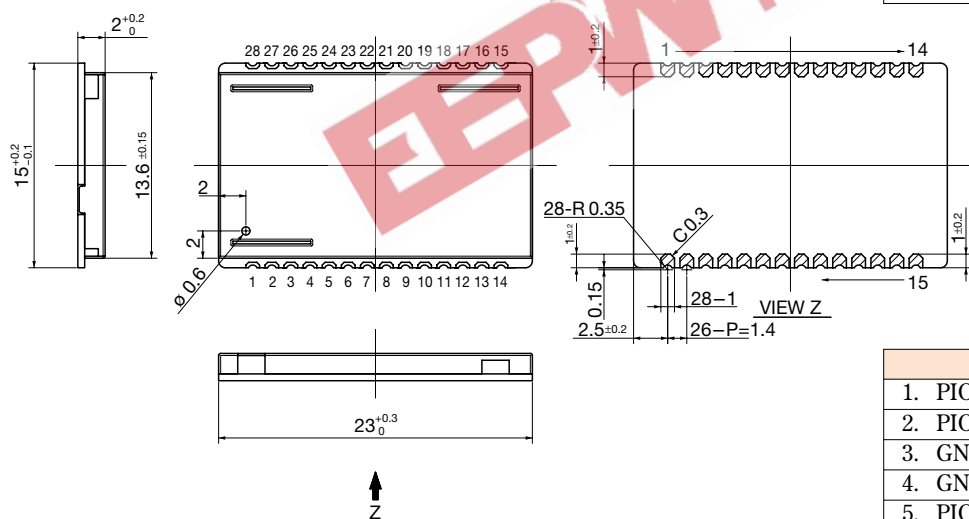
## SPECIFICATIONS

Item	Specifications
Frequency	2402 to 2480MHz
Modulation	FHSS/GFSK
Channel intervals	1MHz
Number of channels	79CH
Power supply voltage	3±0.1V
Transmission rate	721kbps
Receive sensitivity	-80dBm typ.
Output level (Class2)	4dBm max.

**DIMENSIONS**



TERMINALS	
1. PIO [0] /RX_EN	15. GND
2. PIO [1] /TX_EN	16. SPI_CSB
3. GND	17. SPI_MOSI
4. GND	18. SPI_CLK
5. PIO [4] /IRQ1	19. SPI_MISO
6. PIO [5] /IRQ2	20. UART_CTS/USB_D-
7. PIO [6]	21. UART_RTS/USB_D+
8. PIO [7]	22. UART_RX
9. PCM_OUT	23. UART_TX
10. PCM_CLK	24. PIO [3]
11. PCM_IN	25. PIO [2]
12. PCM_SYNC	26. —
13. GND	27. GND
14. V <sub>DD</sub>	28. NC



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5. PIO [4] /IRQ1	19. SPI_MISO
6. PIO [5] /IRQ2	20. UART_CTS/USB_D-
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9. PCM_OUT	23. UART_TX
10. PCM_CLK	24. PIO [3]
11. PCM_IN	25. PIO [2]
12. PCM_SYNC	26. —
13. GND	27. GND
14. V <sub>DD</sub>	28. ANT

Unit : mm

\*For the technical details of the products in this page, please refer to Sales promotion Dept., TOCHIGI MITSUMI Co., Ltd. Phone: 0283 (23) 3332.