

# Bluetooth® Low Energy Module

## WML-C69

### OUTLINE

This is low energy module that conforms to Bluetooth® Ver.4.0(Single Mode).

Applications includes healthcare, fitness equipment, smart phone peripheral equipment.

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



### FEATURES

1. Conforming to the Bluetooth® 4.0 (single mode) specifications.
2. Built-in healthcare profile.
3. Ultra-low power consumption.

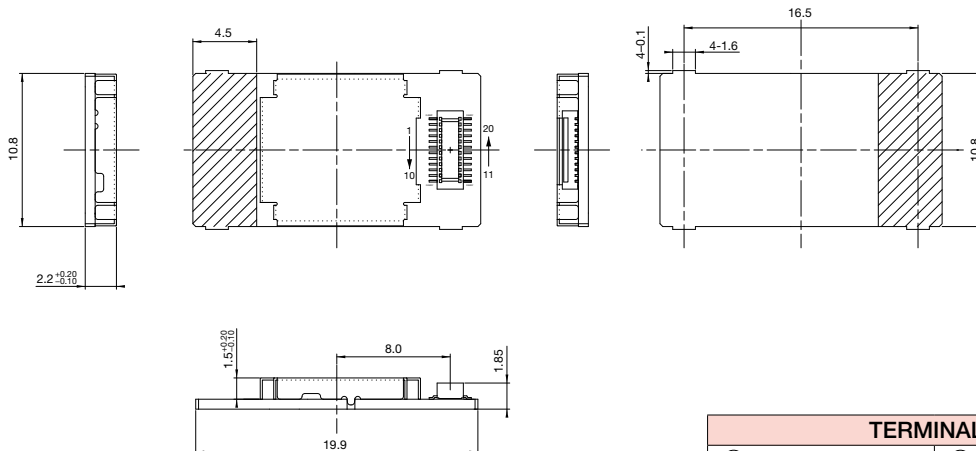
TX : 17mA, RX : 15mA, Sleep Mode : 0.6µA

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### SPECIFICATIONS

Item	Specifications
Interface	UART
Frequency	2,402~2,480MHz(World Wide)
RF Channel Step	2MHz No. of Ch : 40ch
Date Rate	1Mbps
Output Level	0dBm
Supply Voltage	1.8~3.6V
Current Consumption	TX : 17mA, RX : 15mA, Sleep : 0.6µA
Operating Temp Range	-30~+85°C

**DIMENSIONS**



TERMINALS	
① GND	⑪ GND
② PIO[10]	⑫ VDD
③ PIO[9]	⑬ AIO[0]
④ SPI_MOSO/PIO[8]	⑭ AIO[1]
⑤ SPI_MOSI/PIO[7]	⑮ AIO[2]
⑥ SPI_CSB/PIO[6]	⑯ SPI_SEL
⑦ SPI_CLK/PIO[5]	⑰ PIO[4]
⑧ UART_RX	⑱ PIO[11]
⑨ UART_TX	⑲ WAKE
⑩ GND	⑳ GND

Unit : mm

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 • 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.