Wireless LAN+Bluetooth[®] 4.0 Module DWM-W095A

Wireless Communication Components

OUTLINE

Dual band 2.4/5Ghz (IEEE802.11 a/b/g/n) and Bluetooth $^{\mbox{\tiny \$}}$ 4.0+HS module.

Realized small size package in High-Density Packaging Technologies.

*The Bluetooth $^{\otimes}$ word mark and logos are owned by the Bluetooth SIG, Inc.



FEATURES

- 1. Small size Package.
- 2. This product has a shield.

SPECIFICATIONS

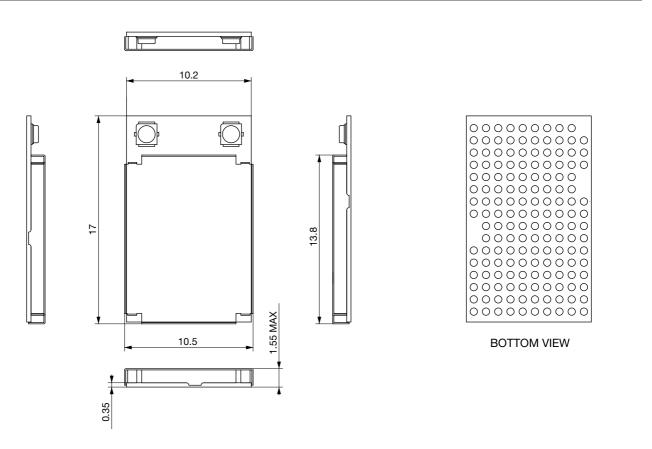
Item			Specifications
WLAN	Operating Frequency		2.412~2.472GHz
	Channels		13ch
	Modulation		DSSS, OFDM
			DS:1M/2M/5.5M/11Mbps
	Data rate		OFDM: 6M/9M/12M/18M/24M/36M/48M/54Mbps
			MCS0-7(HT20) : 6.5-65Mbps at SISO
			MCS0-15(HT20) : 6.5-130Mbps at MIMO
	Operating Frequency		5.18~5.85GHz
	Channels		USA : 23ch, Europe : 19ch, Japan:19ch
	Modulation		OFDM
	Data rate		OFDM: 6M/9M/12M/18M/24M/36M/48M/54Mbps
			MCS0-7(HT20) : 6.5-65Mbps at SISO
			MCS0-15(HT20) : 6.5-130Mbps at MIMO
			MCS0-7(HT40) : 13.5-135Mbps at SISO
			MCS0-15(HT40) : 13.5-270Mbps at MIMO
	Host Interface		SDIO v3.0(or SPI), HSIC(or USB)
Bluetooth®	Operating Frequency		2.402~2.480GHz
	Output Level		Class 1(or Class 2)
	hopping		1600hops/sec.
	Modulation		GFSK, PI/4-DQPSK, 8DPSK
	Data rate		GFSK : 1Mbps
			PI/4-DQPSK: 2Mbps
			8DPSK: 3Mbps
	Host Interface		UART, PCM (I^2C)
Environmental	Operating Range	Temperature	-10~+75°C
		Humidity	20~85%(Non-condensing)
	Storage Range	Temperature	-25~+85°C
		Humidity	20~85%(Non-condensing)

*Specifications subject to change without notice for improvements.

<sup>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.</sup>

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DIMENSIONS



Unit : mm