

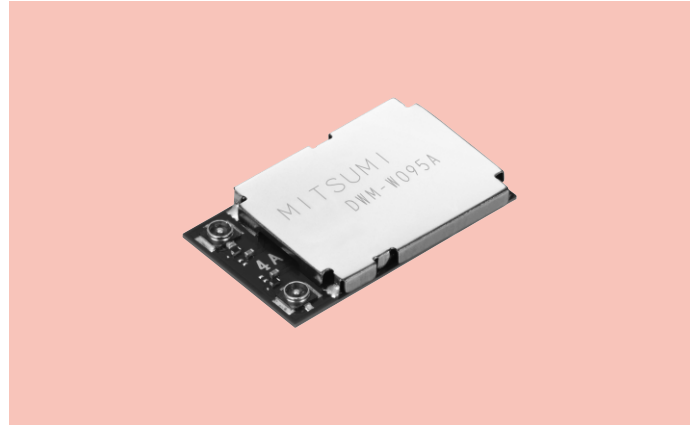
# Wireless LAN+Bluetooth® 4.0 Module DWM-W095A

Wireless Communication Components

## OUTLINE

Dual band 2.4/5GHz (IEEE802.11 a/b/g/n) and Bluetooth® 4.0+HS module.  
Realized small size package in High-Density Packaging Technologies.

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



## FEATURES

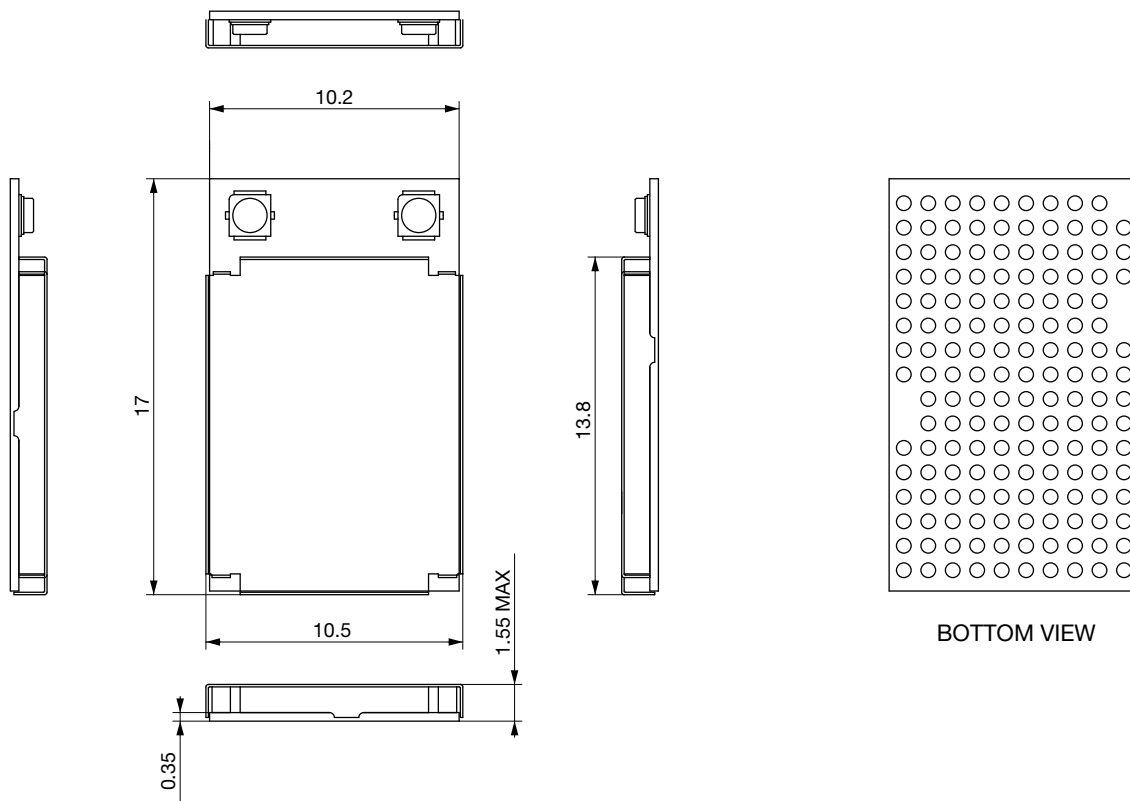
1. Small size Package.
2. This product has a shield.

## SPECIFICATIONS

Item		Specifications	
WLAN	Operating Frequency	2.412~2.472GHz	
	Channels	13ch	
	Modulation	DSSS, OFDM	
	Data rate	DS : 1M/2M/5.5M/11Mbps	
		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 SPD), 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 <sup>2</sup> C)		
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.

**DIMENSIONS**



BOTTOM VIEW

Unit : mm