

承 認 書

SPECIFICATION FOR APPROVAL

客戶名稱
CUSTOMER : _____

客戶料號
CUSTOMER'S P/N : _____

料號
PART NUMBER : WAN1608H245H08

規格
DESCRIPTION : Chip Antenna 1608 MH-Ant 2.45G Type H08

版本
VERSION : V1.0

日期
ISSUE DATE : 2021/03/03

客 戶 承 認 CUSTOMER APPROVED

工 程 部 R&D CENTER		
承 認 APPROVAL	確 認 CHECKED	製 作 DRAWN
Ray	Tennyson	Snow



萬誠科技股份有限公司

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OneWave Electronic Co., Ltd.

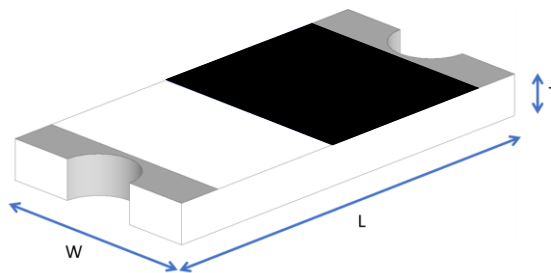
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1608 Chip antenna

For Bluetooth / WLAN Applications



P/N: WAN1608H245H08

	Dimension (mm)
L	1.70 ± 0.20
W	0.93 ± 0.20
T	0.75 ± 0.20

Part Number Information

WAN 1608 H 245 H 08
 A B C D E F

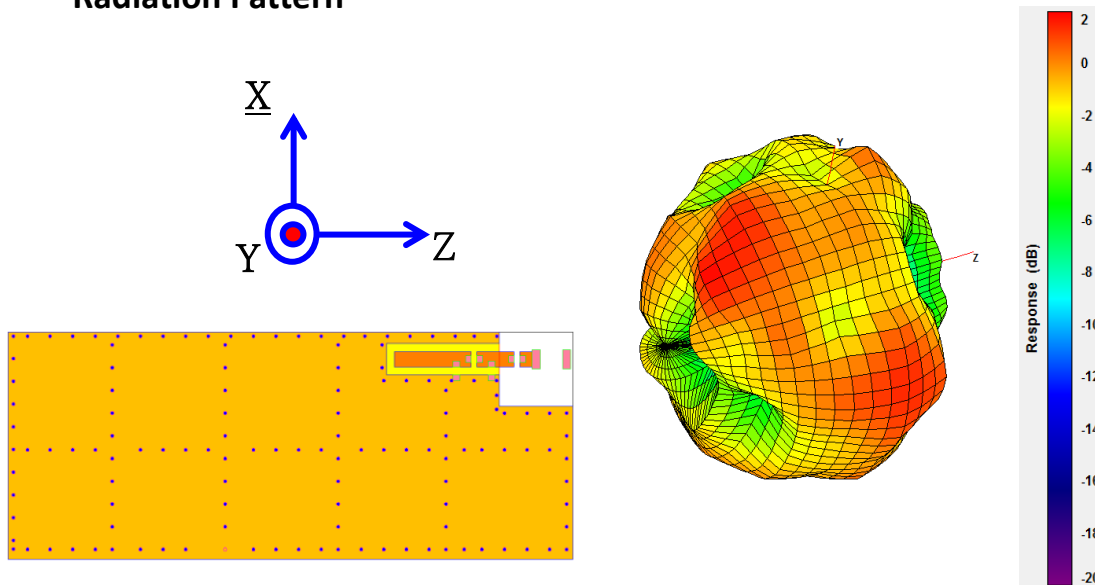
A	Product Series	Antenna
B	Dimension L x W	1.6X0.8mm (+-0.2mm)
C	Material	High K material
D	Working Frequency	2.4 ~ 2.5GHz
E	Feeding mode	Monopole & Single Feeding
F	Antenna type	Type = 08

1. Electrical Specification

Specification		
Part Number	WAN1608H245H08	
Central Frequency	2450	MHz
Bandwidth	120 (Min.)	MHz
Return Loss	-10(Max)	dB
Peak Gain	2.28	dBi
Impedance	50	Ohm
Operating Temperature	-40 ~ +110	°C
Maximum Power	4	W
Resistance to Soldering Heats	10 (@ 260°C)	sec.
Polarization	Linear	
Azimuth Beamwidth	Omni-directional	
Termination	Cu / Sn (Leadless)	

Remark : Bandwidth & Peak Gain was measured under evaluation board of next page

Radiation Pattern



	Efficiency	Peak Gain	Directivity
2400MHz	50.65 %	1.80 dBi	3.95 dBi
2450MHz	53.27 %	2.28 dBi	4.42 dBi
2500MHz	50.32 %	1.77 dBi	4.15 dBi

Chamber Coordinate System

