

SPECIFICATION FOR APPROVAL

CUSTOMER : 亞弘電科技股份有限公司

PRODUCT

NAME : WLAN EMBEDDED ANTENNA **RoHS RoHS**

CUSTOMER

P/N : OTDB1EM60-I0350

BRITO P/N : DB1EM60-I0350-S

AD NO. : AD-WLA-EM-2007-0150-A

承認用	品名: PCB天線組長 20mm
	料號: OTDB1EM60-I0350
	機種: J0115
核准	112. 11. 21
核准	核准 確認 子 總 支
亞弘電科技股份有限公司 電子研發課	

	MANUFACTURER			CUSTOMER		
	SIGNATURE			SIGNATURE		
APPROVED	核 准	審 核	承 辦	核 準	審 核	承辦
BY	NISA	JOHN	JERRY			
DATE	2020/7/3					
VERSION	V01					

英文: PCB Antenna 20mm

承認書目錄

品名：	WLAN EMBEDDED ANTENNA	
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SPECIFICATION

ELECTICAL PROPERTIES

FREQUENCY RANGE ----- 2.4~2.5/4.9~5.8 GHz

VSWR----- ≤ 2.0

IMPEDANCE----- 50Ω

GAIN----- 2dBi

PHYSICAL PROPERTIES

WIRE----- OD1.13 CABLE BLACK

CABLE LENGTH----- 350mm

CONNECTOR----- IPEX

PCB----- FR4

TISSUE TAPE----- 3M9448A

OPRERATING TEMPERATURE----- $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

STORAGE TEMPERATURE----- $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$

A

B

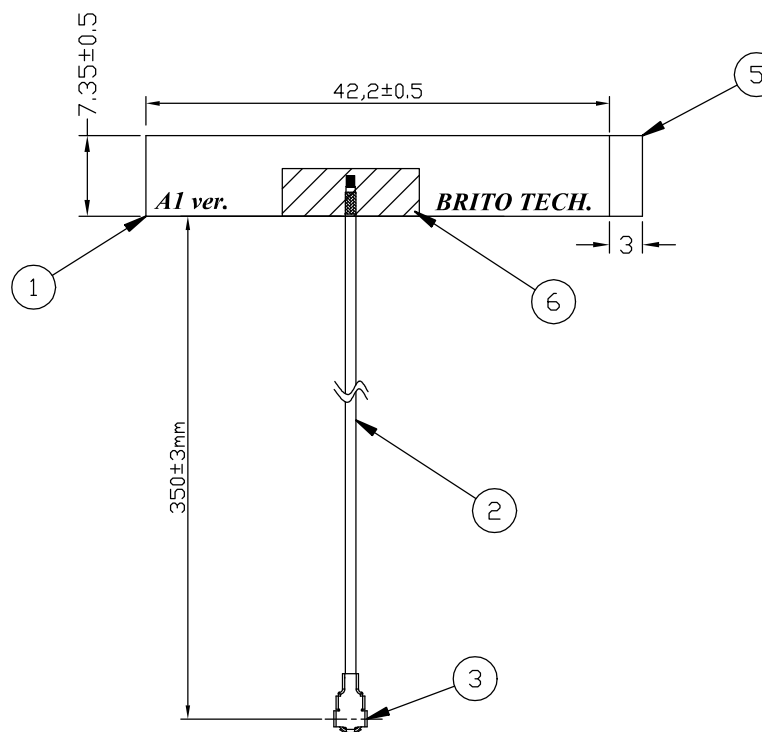
C

D

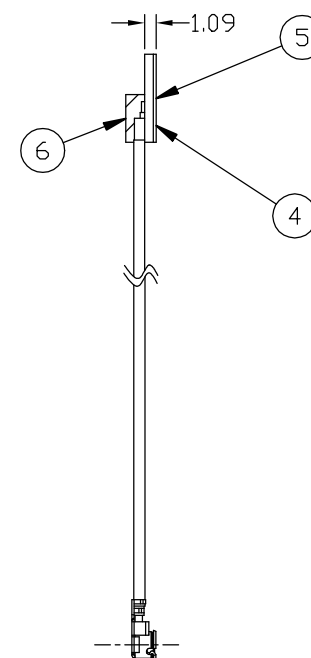
E

F

FREQUENCY RANGE:2.4~2.5/4.9~5.8 GHz
IMPEDANCE:50Ω
VSWR:≤2
RETURN LOSS:-10dB MAX
RADIATION:OMNI-DIRECTIONAL
GAIN:2.0 dBi
POLARIZATION:LINEAR VERTICAL
OPERATING TEMPERATURE:-40 ~ +80 °C
STORAGE TEMPERATURE:-45 ~ +85 °C



R E V I S I O N S				
REV	DESCRIPTION	LOCATION	DRAWN	DATE
△	New drawing		ALGER	2020/7/2



6	N/A	熱熔膠	熱熔膠	N/A	1PCS	N/A
5	N/A	TISSUE TAPE	離型紙	CPN-TT-1607-0078-B	1PCS	N/A
4	N/A	TISSUE TAPE	3M 9448A	CPN-TT-1607-0078-B	1PCS	N/A
3	N/A	CONNECTOR	IPEX/MHF	CPN-CA-2007-0814-A	1PCS	GOLD
2	N/A	CABLE	Ø1.13mm CABLE	CPN-CA-2007-0814-A	1PCS	BLACK
1	EM60-PCB	PCB	FR-4	CPN-PCB-1508-0016-B	1PCS	BLACK
ITEM	PART NO.	PART NAME	MATERIAL	DWG NO.	QTY	REMARKS

RANGE	TOLERANCE	BRITO 昀陽科技有限公司			MODEL NAME		
X.xx	± 0.10				WLAN ANTENNA		
X.x	± 0.15	MATERIAL: See TABLE	DRAWN: ALGER	DATE: 2020/7/2	TITLE: WLAN EMBEDDED ANTENNA		
X	± 0.25	FINISH: WLAN ANTENNA	DESIGN: JOHN	DATE: 2020/7/2	SIZE: A3	PART NO. DB1EM60-I0350-S	
 THE 3RD PROJECTION		UNIT: mm	APPROVED: BRUCE	DATE: 2020/7/2	SCALE : N/A		SHEET 1 OF 1
					DWG NO.	WLA-EM-2007-0150-A	REV. A

MP-CAD-V02170323