承認書

SPECIFICATION FOR APPROVAL

公司名	稱:	設新企業有限公司
客戶名	稱:	智晟股份有限公司
客戶料	號:	E44054
概	述:	2.4GHz TX antenna
	Ħ	期: 97 年 11 月 10 日

簽核及意見欄

全部承認	部份承認	修訂承認
FULLY APPROVED	PARTILLY APPROVED	REVISE APPROVED

承辦人員: 劉杰璋

TEL: (02) 8512-3409 FAX: (02) 8512-3509

台北縣三重市光復路二段 80 號 10F-7 確認後請回傳,謝謝。



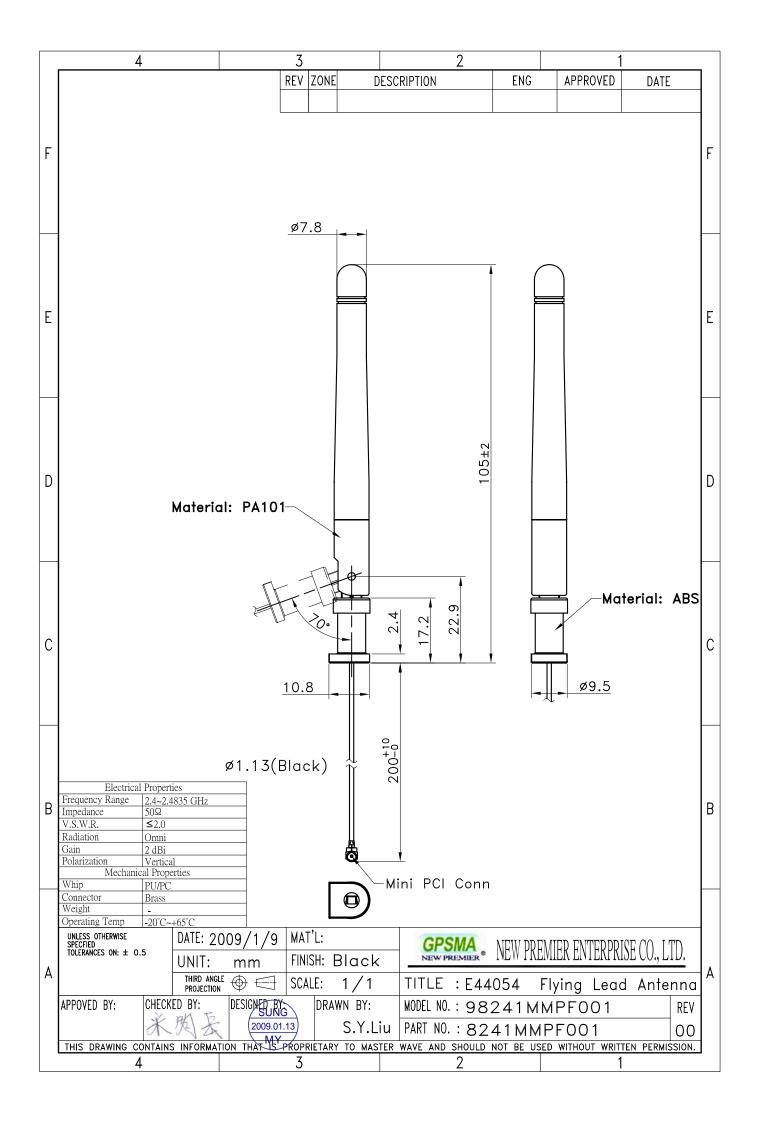
Table of Contents

_	
п	1
п	tam
п	reiii

- 1. Antenna Specifications
 - -Drawing
 - -Electrical Properties
 - -Mechanical Properties
- 2. Test Report
 - -Electrical test
- 3. Material Certifications
 - -Connector
 - -Cable
- 4. Packing
 - -PE Bag
 - -Carton

Modification History:

REV.	Date	Content
01	2008/7/31	





Electrical Properties

ТҮРЕ	TX Antenna
Frequency Range	2.4 ~ 2.5 GHz
Impedance	50 Ohm
VSWR	≤ 2.0
Gain	0 dbi

Mechanical Properties

Material	PU/PC
Connector	I-PEX
Cable type	1.13
Dimension(L*W*H)	140*∅7.8



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Connector

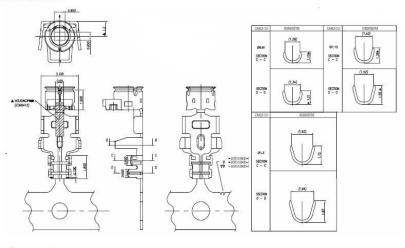
Mini PCI Conn

JESS-LINK PRODUCTS CO., Ltd

Product: Micro-Coaxial RF Connector – Plug Part No. : Plug assembly: UCNT1010D001-X

Contact pin: MST0000091 / MST0000608

Reference Dimension:







Material:

Material: Shell - Phosphor Bronze. t=0.20 mm

Contact - Phosphor Bronze. t=0.12 mm

Housing - PBT, Black, UL94V-0

Plating: Shell - Under plated 50u" MIN Ni. All Over 5 u" MIN Gold in Plated Area.

Contact - Under plated 50u" MIN Ni. All Over 15 u" MIN GOLD in Plated Area.

Specification:

Item	Specification	Conditions
Contact resistance	Center: 20 m ohms max. Outside: 10 m ohms max.	10 mA max.
Insulation resistance	500 M ohms min.	100 V DC
Withstanding voltage	No flashover or insulation breakdown.	200 V AC / 1 minute
V.S.W.R.	1.3 Max at 0.1~3.0GHz, 1.5Max at 3.0-6.0GHz	Up to 6GHz
Operating temperature range	-40°C to +90°C	
Naminal impedance	50 ohms	



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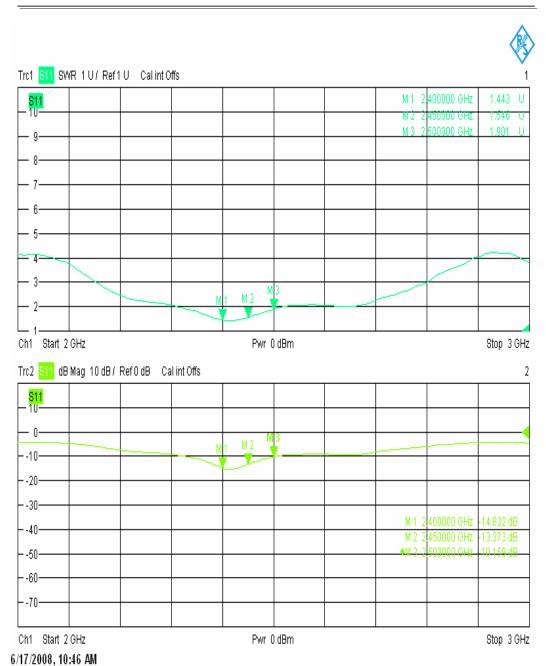
線材規格

CABLE SPECIFICATION

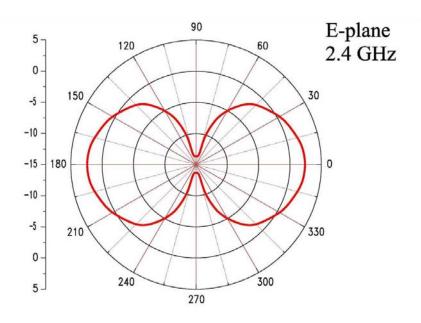
SPECIFICATION:	L	1.13mm CABLE		CONSRUCTION	ON D.W.G	
II	ITEM		SPECIFICATION			
	AWG		30AWG			
CONDUCTOR	MATERIAL	Silver-plated	Silver-plated copper wire stranded conductor		-INSULATION	
	COND.SIZE		7/0.08 ⅢⅢ			
	MATERIAL		Teflon FEP		CONDUCTOR	
TACATA HISTAI	O.D		0.68±0.03 ₪Ⅲ			
INSOLATION	NO.		10		BRAIDING	
	COLOR		Natural color			
BRAID	MATERIAL	S	Silver-plated copper wire		JACKET	
COPPER	SIZE	4	4/16/0.05 Min.90% ↑			
	MATERIAL		Teflon FEP	COLOUR	CODE:	
JACKET	COLOR	M	White, Black, Brown, Gray	1.30AWG*1C		
	0.D		1.13+0.08/-0.05 mm			
		Character of electrical	cal			
Ī	Item	Unit	Detail of spec.	MARKING	KING	
1.Capacitance(Nom.)	m.) AT 1KHz	M/Ad	56			
2.Impedance		0	50±2			
	1.0GHZ	dB/M	2.0			
	2.0GHZ	dB/M	2.9			
	2.4GHZ	dB/M	3.2	REMARK	ARK	
3. Attenuation (Max.)		dB/M	3.7			
		JW/BP	4.3			
	5.0GHZ	dB/M	4.8			
	6.0GHZ	W/gp	5.3			
	PHN	PHYSICAL PROPERTIES OF JACKET	JACKET	Master Wave Technology Co Ltd.	hnology Co., Lt	ď.
					8	
				PART NO.		
				APPROVED	CUSTOMER	
				CHECKED	REV	A
				DRAWING Dyan	DATE 20	2007/10/8

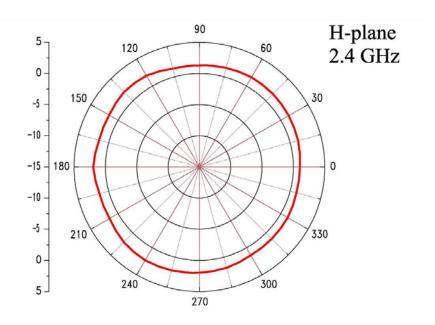


Electrical Test

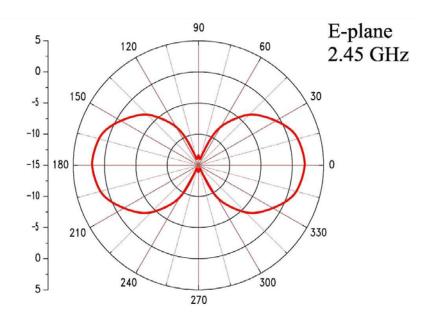


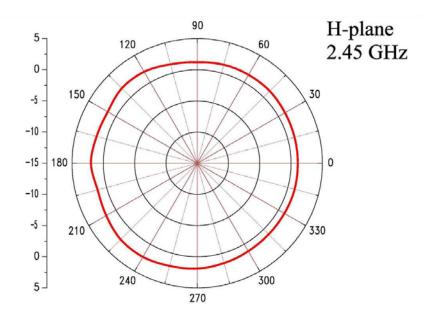
Pattern Test





Pattern Test





Pattern Test

