

零組件承認/申請報告書

編號 E05383

2007/8/27

Alpha P/N : 506955100100G		申請者 :		主管 :	
零組件品名 : ANTENNA Dipole 2.4G THW0551A1					
原製造廠商 : 電			原廠編號 : THW0551A		
代理商 : 電					
聯絡人 :			電話 : 02-22988066		
應用機種 :					
COMMENTS :					
結果 號 Panton No: 主管 : ☐ 承辦者 : 日期 : // : :					
結果	合格	審核	// : :		

承 認 書
SPECIFICATION FOR APPROVAL

客 戶
CUSTOMER

明泰科技股份有限公司

日 期
DATE

2007 / 08 / 13

品 名
DESCRIPTION

印 D-Link Swivel Type , 1/4λ Dipole
Antenna With RP-SMA(M)(Gray)

客 戶 料 號
CUSTOMER P/N

506955100100G

成 品 編 號
Part No.

THW0551A
(符合環保材)



萬旭電業股份有限公司

WANSHIH ELECTRONIC CO., LTD.

台北縣五股鄉五工六路 72 號 3 樓

3F 72 WU KONG 6TH RD., WU KU INDUSTRIAL DISTRICT

TAIPEI HSIEN, TAIWAN, R.O.C.

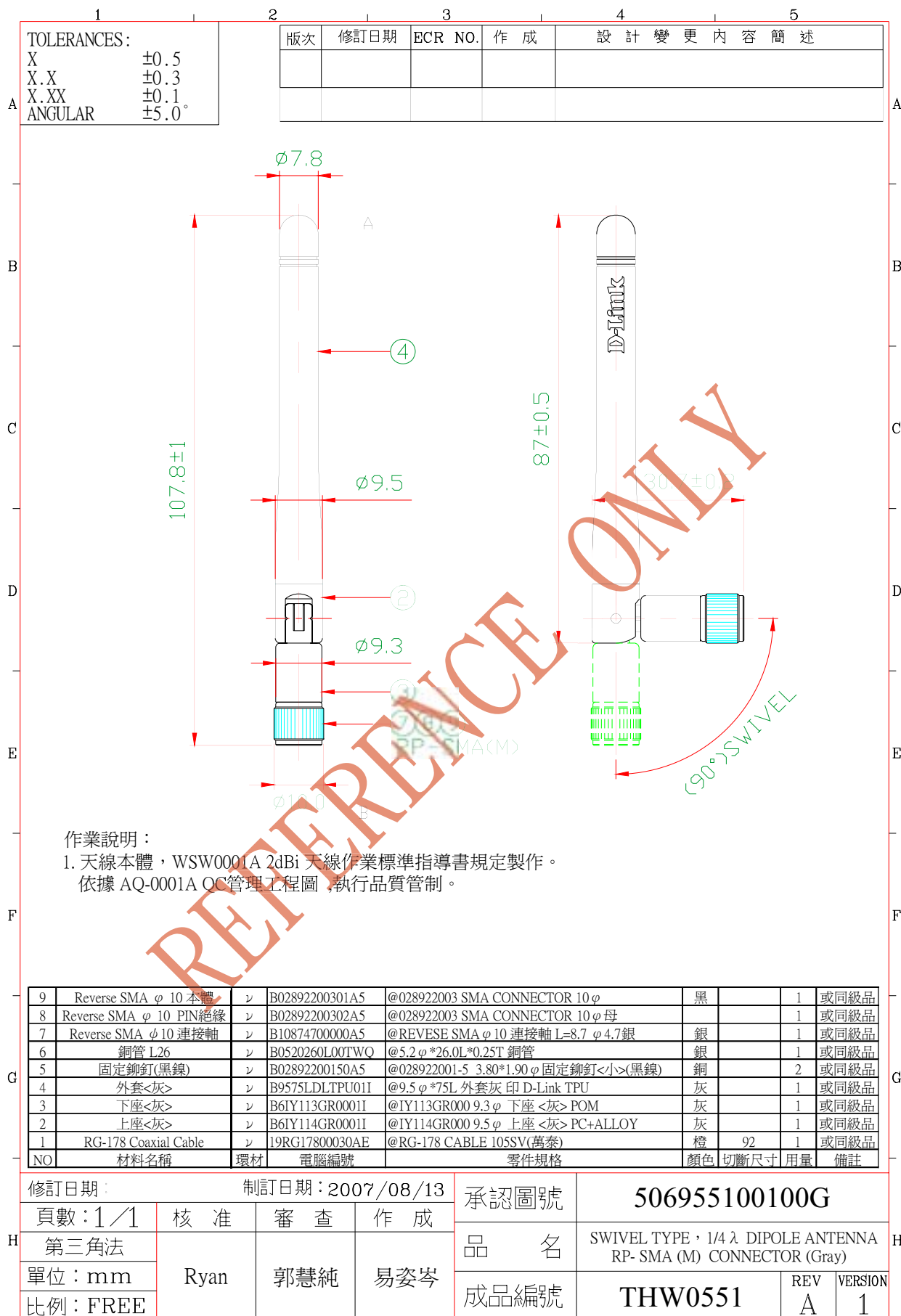
TEL : (02) 22988066 (5 LINE) FAX : (02)22981102

Table of Contents

Table of Contents	.....	1
Specification	.....	2
Antenna Drawing	.....	3
Connector Drawing	.....	4
Electrical Properties		
Return Loss	.....	5
V.S.W.R	.....	6
Radiation Pattern	.....	7-8
Material Data Sheet		
Coaxial Cable	.....	9-11
Housing	.....	12
Hinge	.....	13-14

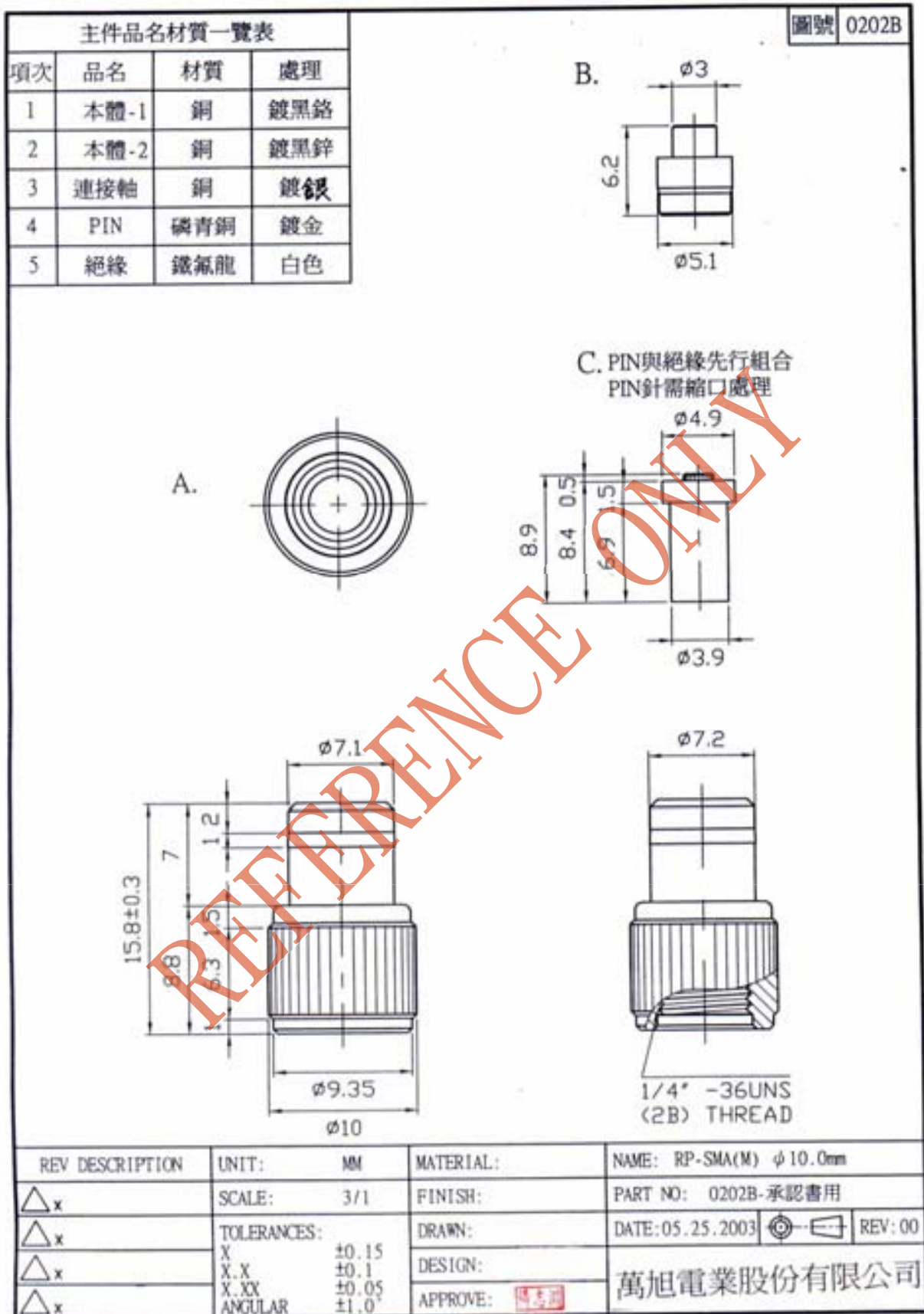
SPECIFICATION

- | | |
|-------------------------------|--|
| 1. Description | : The antenna is a Swivel Type ,
Dipole Antenna |
| 2. Customer | : 明泰科技股份有限公司 |
| 3. Model No. | : WSS002 |
| 4. Part No. | : THW0551A |
| 5. Standard | : IEEE 802.11b/g Wireless LAN |
| 6. Antenna Profile | : 107.8 mm length (see Drawing) |
| 7. Color | : Gray |
| 8. Electrical Characteristics | |
| Operating Frequency | : 2.4~2.5GHz |
| Antenna Type | : 1/4λ Dipole Sleeve |
| Polarization Type | : Linear |
| Type of Radiation | : Toroidal |
| Peak Gain | : 2.0 dBi Typical |
| Impedance | : 50 Ohm nominal |
| V.S.W.R. | : 2.0:1 Max. |
| 9. Mechanical Characteristics | |
| Action | : Swivel Type |
| Connector | : RP-SMA (M) |
| Core | : N/A |
| 10. Raw Material | |
| Coaxial Cable | : RG-178 |
| Housing | : TPU |
| Hinge | : PC+ALLOY/POM |



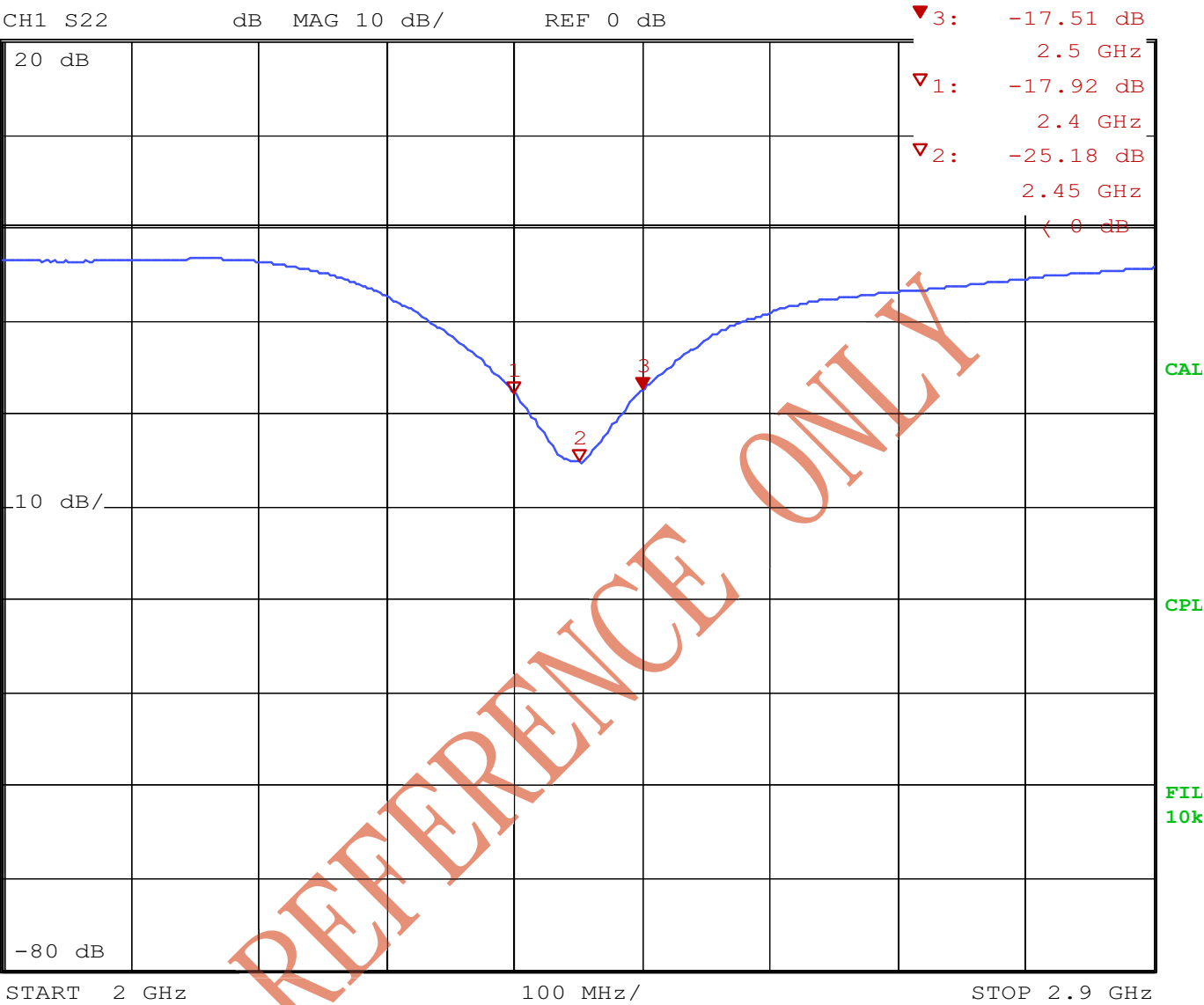
萬旭電業股份有限公司

[52] 文件編號：FMT-0513-D7



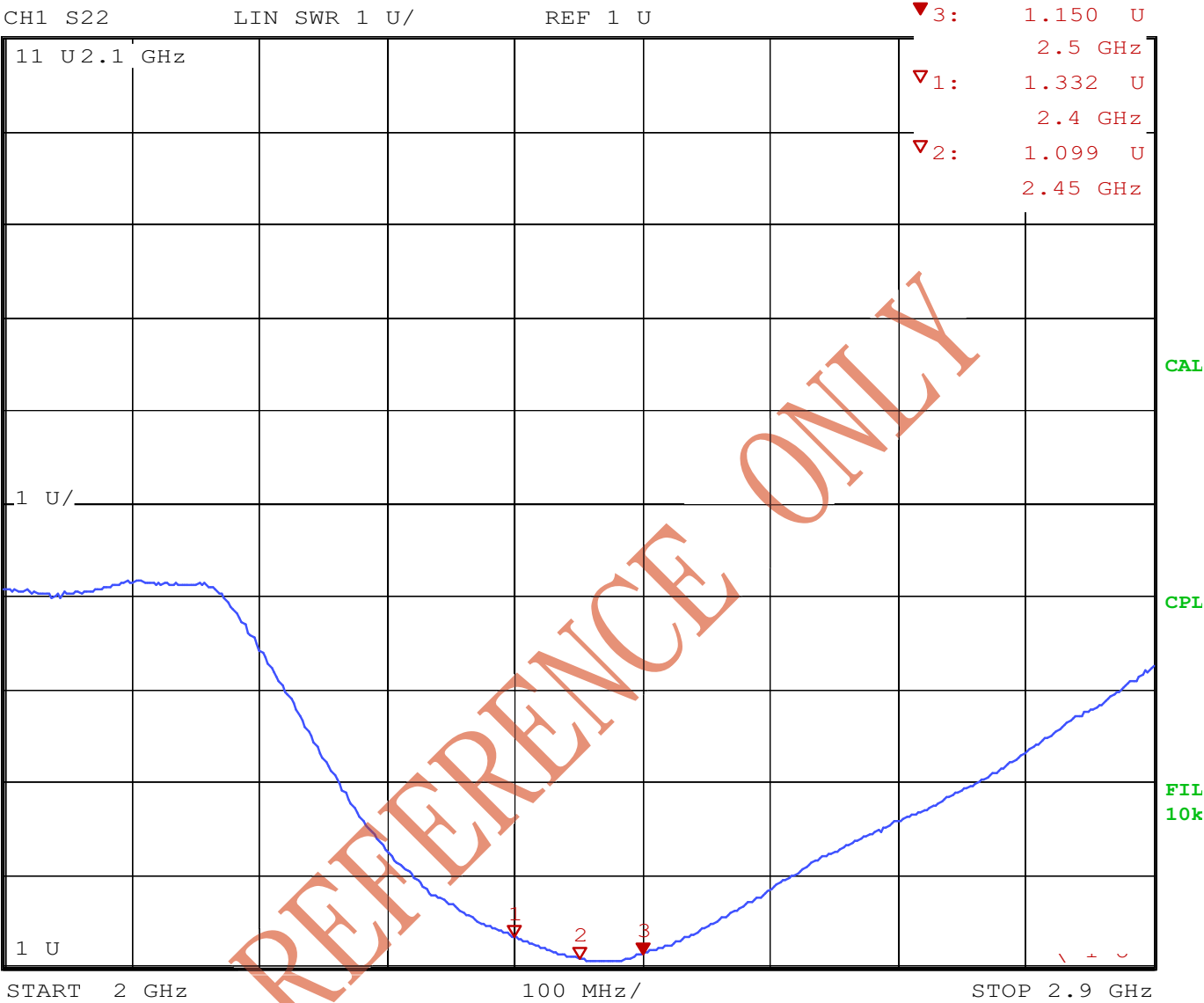
Electrical Properties

Return Loss



Electrical Properties

V.S.W.R



Electrical Properties

Radiation Pattern – H Plane

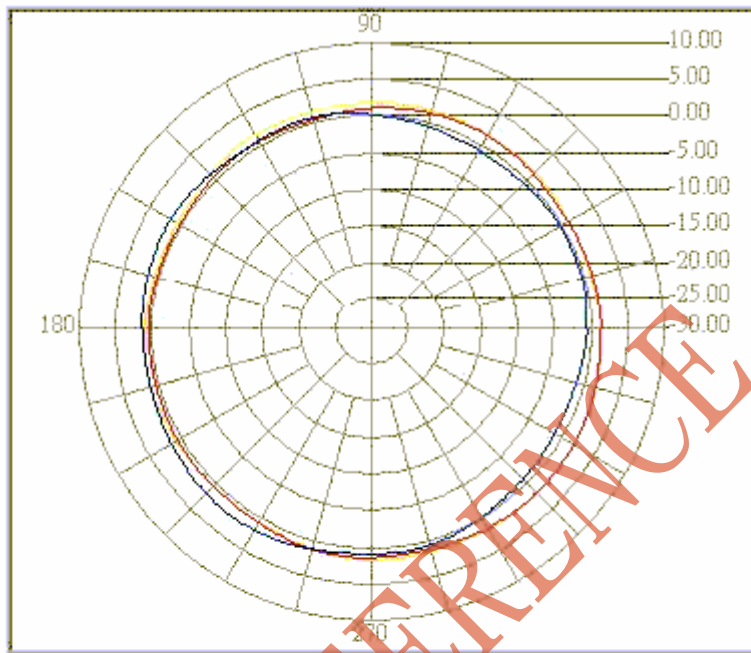


萬旭電業股份有限公司

Model No:

Antenna Position: Vertical

Test Mode: H-PLANE



Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2400.00	2.04	313.07	1.40
Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2450.00	2.02	322.95	1.11
Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2490.00	2.10	231.56	0.62

Electrical Properties

Radiation Pattern – E Plane

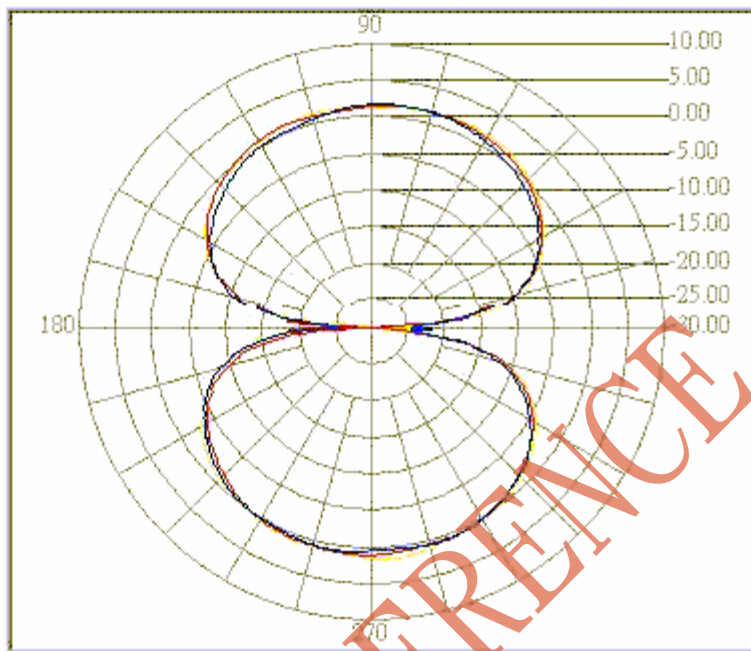


萬旭電業股份有限公司

Model No:

Antenna Position: Horizontal

Test Mode: E-PLANE



Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2400.00	1.86	66.19	-1.03
Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2450.00	1.77	76.70	-1.27
Freq(MHz)	peak(dBi)	Angle(o)	Avg(dBi)
2490.00	1.78	84.74	-1.49

Coaxial Cable Data Sheet
RG-178 Coaxial Cable

SPECIFICATION FOR APPROVAL

DOCUMENT: A30178B001

STYLE : 105°C 30V
RG-178B/U

SIZE: 7/0.102 SCCS

RECOGNIZED: UL 1979



WONDERFUL HI-TECH CO.,LTD

OFFICE : 72WU KONG 6TH ROAD,
WU KU IND. DISTRICT
TAIPEI HSIEN,TAIWAN

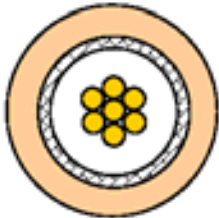
TEL : (02)22988033
FAX : (02)22988031-2

FACTORY : 17 PEI YUAN ROAD,
CHUNG-LI IND. PARK
TAIWAN, R.O.C.

TEL : (03)4527777
FAX : (03)4517214



WONDERFUL HI-TECH CO., LTD SPECIFICATION

STYLE	105°C 30V UL1979	DOCUMENT NO : A30178B001
SIZE	RG-178B/U	ESTABLISHED DATE: 2004/03/22
STANDARD : MIL-C-17		
Conductor	Size	AWG 30
	Material	Silver-Coated Copper Clad Steel
	Conductors No.	7
	Conductors Size	mm 0.102
	O.D.	mm 0.30
Insulation	Average Thickness	mm 0.28
	Diameter	mm 0.86 ±0.03
	Material	FEP
	Color	Clear
Braid	Material	Silver-Coated Copper
	Construction	mm 16 / 3 / 0.10
	Coverage	% 95
Jacket	Average Thickness	mm 0.25
	Diameter	mm 1.80 ±0.05
	Material	FEP
	Color	Brown
Marking		
Drawing		

AK001/210X297/1.0

PAGE : 1

EDITION : 1.2

MAKER : C.Y.CHEN

CONFIRM : S.N.WONG

APPROVAL : W.J.WANG



WONDERFUL HI-TECH CO., LTD.

SPECIFICATION

Electrical & Physical Properties							
Item			RG-178B/U				
Rating Temp Voltage			105°C 30V				
Conductor Resistance			838 OHM/KM/20°C MAX.				
Insulation Resistance			3000 MEGA OHM/KM MIN.				
Dielectric Strength			AC 500V/Minute				
Spark Test			2.5 KV				
Insulation	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m m ²)				
		Elongation	200% MIN.				
	Aged	Tensile Strength	UNAGED MIN 75%(168HRS×232°C)				
		Elongation	UNAGED MIN 75%(168HRS×232°C)				
Jacket	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m m ²)				
		Elongation	200% MIN.				
	Aged	Tensile Strength	UNAGED MIN.75%(168HRS×232°C)				
		Elongation	UNAGED MIN.75%(168HRS×232°C)				
Nom. Impedance			50 Ohms				
Nom. Capacitance			95.8 pF/m				
Nom. Vel. of Prop.			69.5%				
VSWR (0 – 6 GHZ)			UNDER 1.3				
Attenuation (dB/100m)	100MHz	1GHz	1.8GHz	2.4GHz	5.2GHz	6GHz	
	46	155	295	340	505	550	

AK001/210X297/1.0

PAGE : 2

EDITION : 1.2

MAKER : C.Y.CHEN

CONFIRM : S.N.WONG

APPROVAL : W.J.WANG

Housing Material Data Sheet

- Housing - TPU

東莞瑞安高分子樹脂有限公司檢驗報告
DONG GUAN RAYAN POLYMER CO.,LTD. TEST REPORT
 廣東省東莞市長安鎮霄邊工業區
 Tel:(0769)5533620 Fax:(0769)5533635 Postcode:523850
 http://www.dghontex.com.cn E-mail:hontex@pub.dgnet.gd.cn

品名 Product Name	TU60DG	制 造 批 號 Lot No.	R51298005
送 驗 日 期 Sample Received	2005/12/15	檢 驗 日 期 Sample Tested	2005/12/15
檢 驗 項 目 Test Items	標準值/測試條件 Spec./Test Method	檢 驗 結 果 Test Results	
外 觀 Appearance	/	白霧狀 Cloudy	
拉伸強度(kg/cm ²) Tensile Strength	>300	437	
延伸率(%) Elongation	>380	423	
100%模量(kg/cm ²) 100% modulus	>90	217	
硬 度(ShoreD) Hardness	60±2	61	
熔融指數 (g/10min) MI	10kg/215°C	21.3	
熔融粘度(Pa.s) Melt Viscosity	10kg/215°C	2543	
透 明 性 Transparency	/	1.5mm較透明	
耐 磨 耗 Abrasion Loss	DIN	47.7	
INSPECTION RESULT		PASS	

主管:

[Signature]

檢驗員:
(Inspector):

劉小寒

2006年2月14日

表單編號(List No.): QW-069-02-A

- Hinge(上座/下座) - PC+ALLOY/POM

SHINBLEND®

ALLOY

ENGINEERING PLASTIC DIVISION

SHINKONG SYNTHETIC FIBERS CORPORATION
新光合成纖維股份有限公司

8th Fl., 123, Sec. 2, Nankang Dist., Taipei, Taiwan

Tel: 886-2-2507-0131 / 886-2-2507-1234 / 886-2-2507-1750

Fax: 886-2-2506-8047 / 886-2-2506-8565

Technical Data

SHINBLEND®
A724NA

High Impact Grade / 高韌級 - AD4011

		Unit	Test Method	Values
Mechanical properties 機械性質				
Izod Impact(Notched) 23°C	衝擊強度	Kg-cm/cm	ASTM D256	85
-20°C	衝擊強度	Kg-cm/cm	ASTM D256	70
-40°C	衝擊強度	Kg-cm/cm	ASTM D256	65
Tensile Strength	拉伸強度	Kg/cm ²	ASTM D638	540
Elongation	拉伸率	%	ASTM D638	100
Flexural Strength	彎曲強度	Kg/cm ²	ASTM D790	800
Flexural Modulus	彎曲模數	Kg/cm	ASTM D790	20000
Thermal properties 熱性質				
Heat Deflection Temperature	熱變形溫度		ASTM D648	
66psi	°C			-
264psi	°C			100
Flammability	耐火性	-	UL94	-
Melting Point	熔點	°C	DSC	223
Electrical properties 電氣性質				
Dielectric Strength	介電強度	KV/MM	ASTM D149	-
Dielectric Constant	介電常數	...	ASTM D150	-
Volume Resistivity	體積電阻	Ω-CM	ASTM D257	-
Other properties 其它性質				
Specific Gravity	比重	-	ASTM D792	1.19
Water Absorption	吸水率	%	ASTM D570	0.14
Mold Shrinkage	成形收縮率		ASTM D955	
Flow	流動方向	%		0.4~0.6
Cross Flow	垂直方向	%		0.5~0.7

"Nothing in this information shall be construed as a recommendation for any use that may infringe on any patent right or as an endorsement of any material supplied by Shinkong Synthetic Fibers Corporation. We do not guarantee the applicability or the accuracy of this information or the performance of our products in any specific situation. We recommend each user of our products make its own tests to determine if the material is suitable for a particular use. The data show here are within the normal range of product properties, but they are NOT SPECIFICATION LIMITS. Additives of any kind alter some or all of the properties."

2002-6

零組件承認/申請報告書

編號： E24694

2006/08/10

Alpha P/N： 505960079510G		申請者：		主管：	
零組件品名： ANT CABLE Mini 1.13 L=150mm					
零組件品名：					
原製造廠商： 電			原廠編號： SHW 0795A1		
代理商： 電					
聯絡人：			電話： 02-2298-8066#323		
應用機種：					
COMMENTS：					
結果 號 原廠 號 號 號E pp 審核 Pa NO： N/A 承辦者： 日期： 2006/08/03 12:00:38					
結果	合格	審核	2006/08/03 18:14:21		

☒ 電子零件類 ☐ 機構類 ☐ 包材類 ☐ 其它

ROHS: ☒ 符合 ☐ 不符合

申請日期: 94 年 11 月 22 日 申請人: 林致協

料 號: EW9000151000R 品 名: 線材 RF 萬旭 SHW0795A1

零件規格: 灰 15cm 包覆有鐵心 RSMA-MHF1.13mm ☐ 第二來源材料

使用機種: NFS-302H 製造/供應廠商: 萬旭/萬旭

測試結果:	
☒ 電子: Test, OK.	測試人: 林致協
☐ 機構:	測試人:
☐ 包材:	測試人:
☐ 其它:	測試人:
檢驗重點標式: NA	
包裝方式及外銷標識: NA	
注意事項(關鍵特性): NA	
抽換承認書或承認樣必須給資材部會簽 意見: _____ 簽名: _____	

結論:

☒ 接受 ☐ 有條件接受 ☐ 退回 原因: _____

主管簽核: 許仁榮 承認者: 林致協

2005/11/22 承辦者: 蔡維好

承 認 書
SPECIFICATION FOR APPROVAL

客 戶
CUSTOMER

尙亞科技股份有限公司

日 期
DATE

94 年 11 月 17 日

品 名
DESCRIPTION

Mini 1.13 Cable Assembly (L=151)
With RP-SMA Bulkhead Jack & MHF

客 戶 料 號
CUSTOMER P/N

EW9000151000R

成 品 編 號
Part NO.

SHW0795A1



萬旭電業股份有限公司

WANSHIH ELECTRONIC CO., LTD.

台北縣五股鄉五工六路 72 號 3 樓

3F 72 WU KONG 6TH RD., WU KU INDUSTRIAL DISTRICT

TAIPEI HSIEN, TAIWAN, R.O.C.

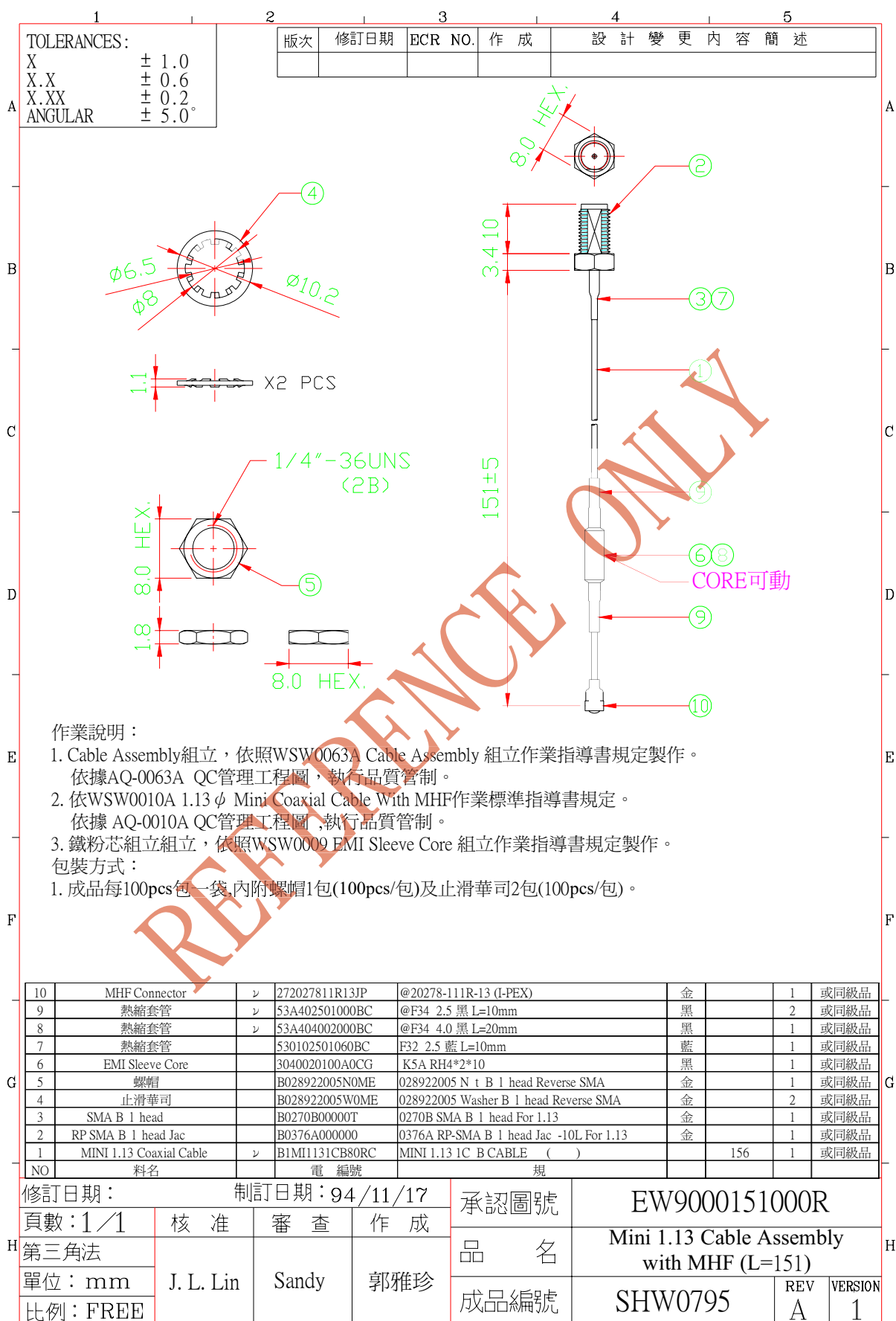
TEL : (02) 22988066 (5 LINE) FAX : (02)22981102

Table of Contents

Table of Contents	1
Specification	2
Drawing	3
Cable Assembly Electrical Characteristic	
Return Loss	4
V.S.W.R	5
Attenuation	6
Material Sheet	
Mini 1.13 Coaxial Cable	7-12
RP-SMA Bulkhead Jack	12-16
MHF Connector	17-31
EMI Sleeve Core	32-36
Heat Shrink Tube	37-42

SPECIFICATION

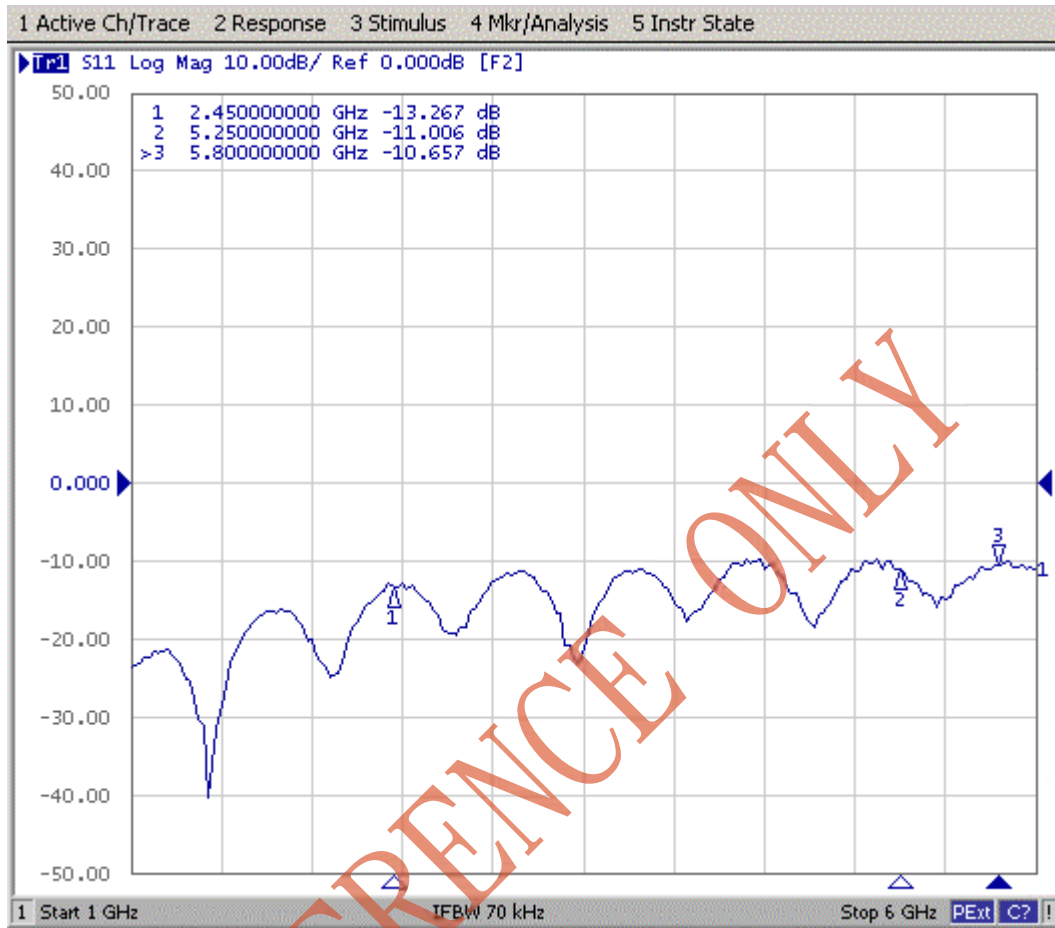
1. Description : Mini 1.13 Cable Assembly
with RP-SMA Bulkhead Jack & MHF
2. Customer : 尚亞科技股份有限公司
3. Part No. : SHW0795A1
4. Coaxial Length : 151 mm (see Drawing)
5. Electrical Characteristics
 - Operating Frequency : 1~6 GHz
 - Impedance : 50 Ohm nominal
 - Attenuation. : -2.6dB Max.
6. Mechanical Characteristics
 - Connector : RP-SMA Bulkhead Jack
: MHF
7. Raw Material
 - Coaxial Cable : Mini 1.13
 - Core : K5A RH 4*10*2



萬旭電業股份有限公司 50 文件編號：FMT-0513-C7

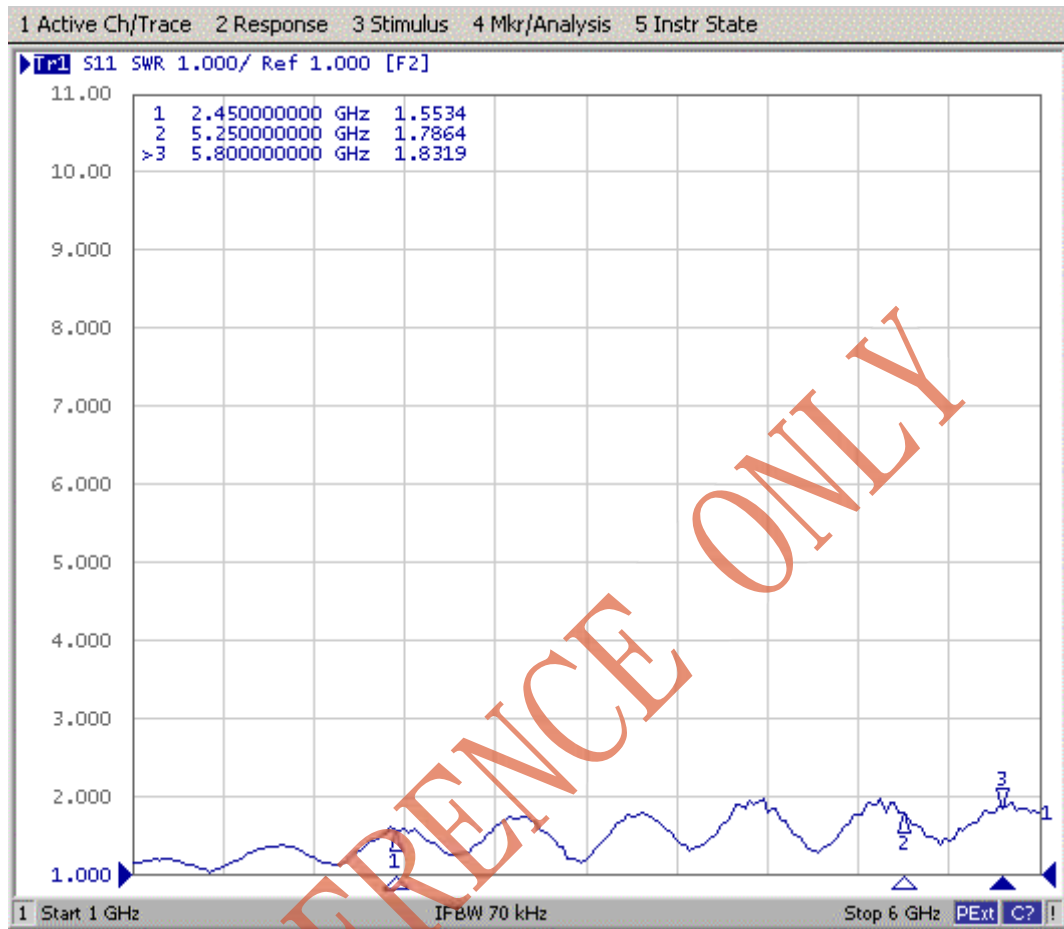
Electrical Characteristic

Return Loss



Electrical Characteristic

V.S.W.R



Electrical Characteristic

Attenuation



Material Data Sheet

Mini-1.13 Coaxial Cable

COPARTNER WIRE& CABLE MFG.CORP

SPECIFICATION

Xintang Road 68#, Changling Industrial Area, Xin tian Village, Fuyong County,
Baoan District of Shenzhen, Guangdong, China
TEL: 86-755-2731-2988, 2731-2746 FAX: 86-755-2731-2736

CUSTOMER: 萬 旭

STYLE: COAXIAL CABLE

SPEC.: 1C*32AWG+B

PART NO.: 3970132002

CUSTOMER CODE:

DATE : 2004/7/23

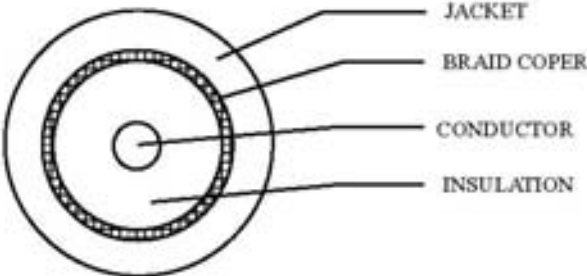
REVISION: A

TOTAL PAGES: 3

COPARTNER SIGNATURE	CUSTOMER APP CUSTOMER P/N
PREPARED BY : LXY	CHECKED BY:
CHECKED BY:	APPROVED BY:
APPROVED BY :	DATE:

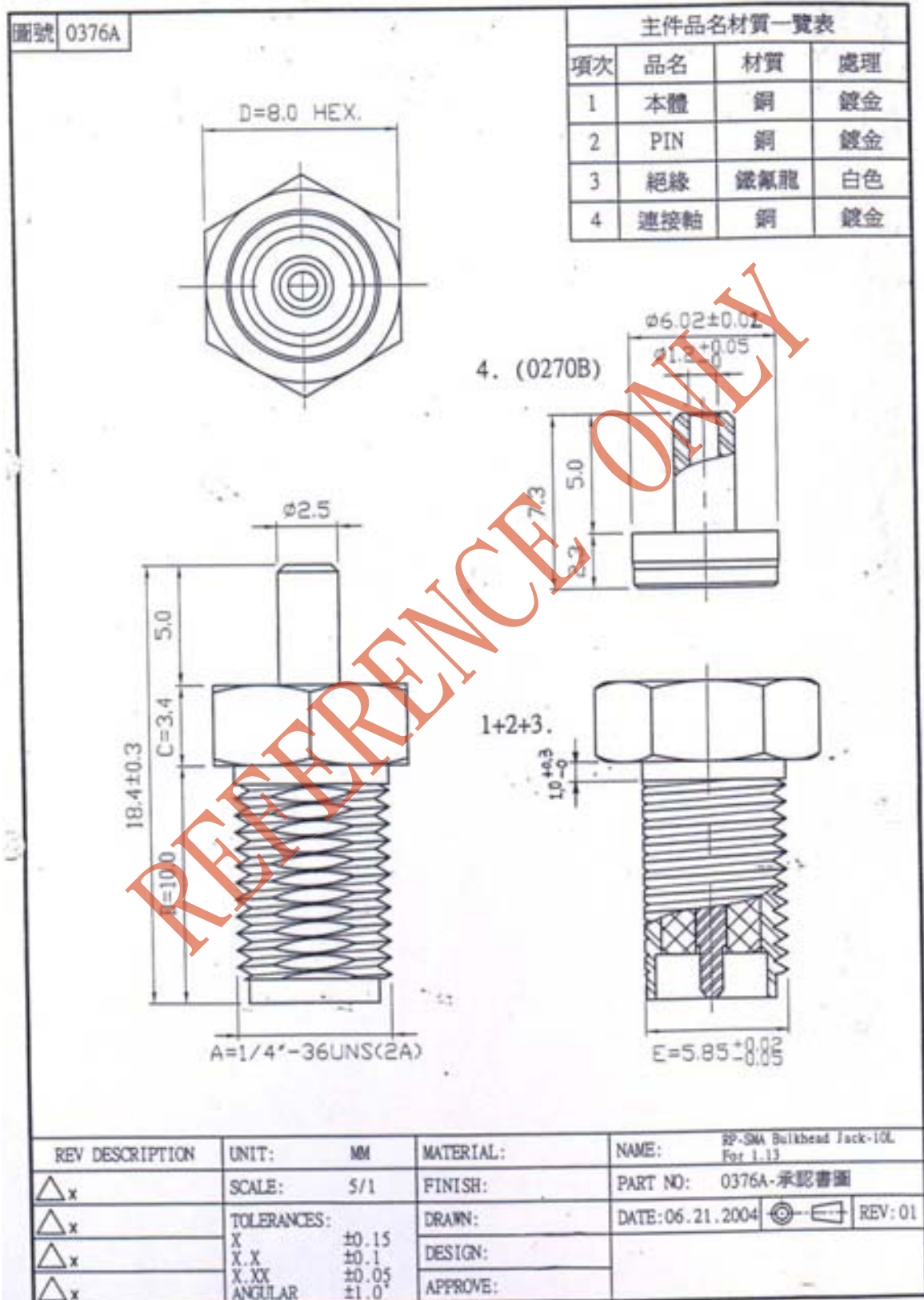
CABLE CONSTRUCTION(電纜結構):

ITEM(結構項目)		SPECIFICATION(規格說明)
CONDUCTOR 導體	AWG(線規)	32AWG
	MATERIAL(材質)	SC
	COND.SIZE(尺寸)	7/0.08±0.008 mm
INSULATION 絕緣體	MIN.AVG THICK(最小厚度)	0.15 mm
	MATERIAL(材質)	PFA
	O.D(外徑)	0.66±0.05 mm
AL.MYLAR 鋁箔	N.O.(線數)	1C
	COVER AGE(遮蔽率)	/
	OVERLAP(重疊率)	/
MYLAR 麥拉	COVER AGE(遮蔽率)	/
	OVERLAP(重疊率)	/
DRAIN 地線	AWG(線規)	/
	MATERIAL(材質)	/
	SIZE(尺寸)	/
BRAID 編織 COPPER	MATERIAL(材質)	TINNED COPPER
	SIZE(尺寸)	15x4/0.05±0.008 mm
	COVER AGE(遮蔽率)	90% MIN
COVERING 被覆體	MIN.AVG THICK(最小厚度)	/
	MATERIAL(材質)	/
	O.D(外徑)	/
FILLER 填充 LAYER	NO.(線數)	/
	MATERIAL(材質)	/
	DIRECTION(絞向)	/
集合	PITCH(絞距)	/
		/
FOAMED PP TAPE 發泡 PP 膜	COVER AGE(遮蔽率)	/
	OVERLAP(重疊率)	/
AL.MYLAR 鋁箔	COVER AGE(遮蔽率)	/
	OVERLAP(重疊率)	/
PAPER 紙	COVER AGE(遮蔽率)	/
	OVERLAP(重疊率)	/
DRAIN 地線	AWG(線規)	/
	MATERIAL(材質)	/
	SIZE(尺寸)	/
BRAID(編織) COPPER	MATERIAL(材質)	/
	SIZE(尺寸)	/
SPIRAL(纏繞) COPPER	MATERIAL(材質)	/
	SIZE(尺寸)	/
JACKET 被覆體	MIN.AVG THICK(最小厚度)	0.10 mm
	MATERIAL(材質)	FEP
	COLOUR(顏色)	GRAY
	O.D(外徑)	1.13±0.10 mm
MARKING 印字	MARKING 印字	/

CONSTRUCTION(構造)	
	
COLOR CODE:(顏色代碼)	
NATURAL	
PHYSICAL PROPERTY & TRANSMISSION PERFORMANCE SPECIFICATIONS	
Electric Characters(電氣特性) 1. Conductor Resistance: at 20℃ MAX 32AWG: 56Ω/km; 2. Insulation Resistance: 305MΩ-km min at 20℃ 1c 500V 3. Dielectric Strength: AC 500V/1minute 4. Impedance test (normal) : 50±2 Ω @ TDR 5. Attenuation (normal): at 0.9GHz 1.82dB/M at 1.5GHz 2.37dB/M at 1.9GHz 2.70dB/M at 2.4GHz 3.05dB/M at 3GHz 3.43dB/M at 4GHz 3.94dB/M at 5GHz 4.45dB/M at 5.8GHz 4.89dB/M at 6GHz 5.16dB/M	
Physical Characters of jacket (物理特性) 1. Tensile Strength: Unaged: 1500PSI min Aged: 75% min 2. Elongation: Unaged: 200% min Aged: 75%	

Material Data Sheet

RP-SMA Bulkhead Jack



Material Data Sheet

MHF Connector

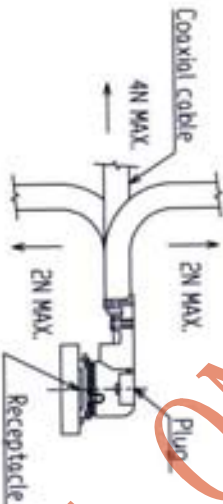
[illegible]

Notes

1. Material

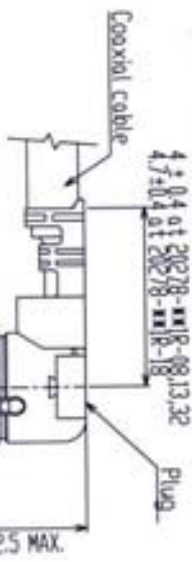
- (1) Housing : PBT , UL94V-0, black
- (2) Contact : phosphor bronze
gold plating
- (3) Ground contact : phosphor bronze , gold plating
2. Packing : reel
3. Mating partner part No. : 20279-001E-01

4. Permissible load of cable at mating



5. Suggestions for mating & unmating operation.

5-1 Mating
Please mate the connector straightly to vertical direction as much as possible, adjusting the mating axis of plug and receptacle.
As excessive slant angle mating may break the connector, please don't do it.



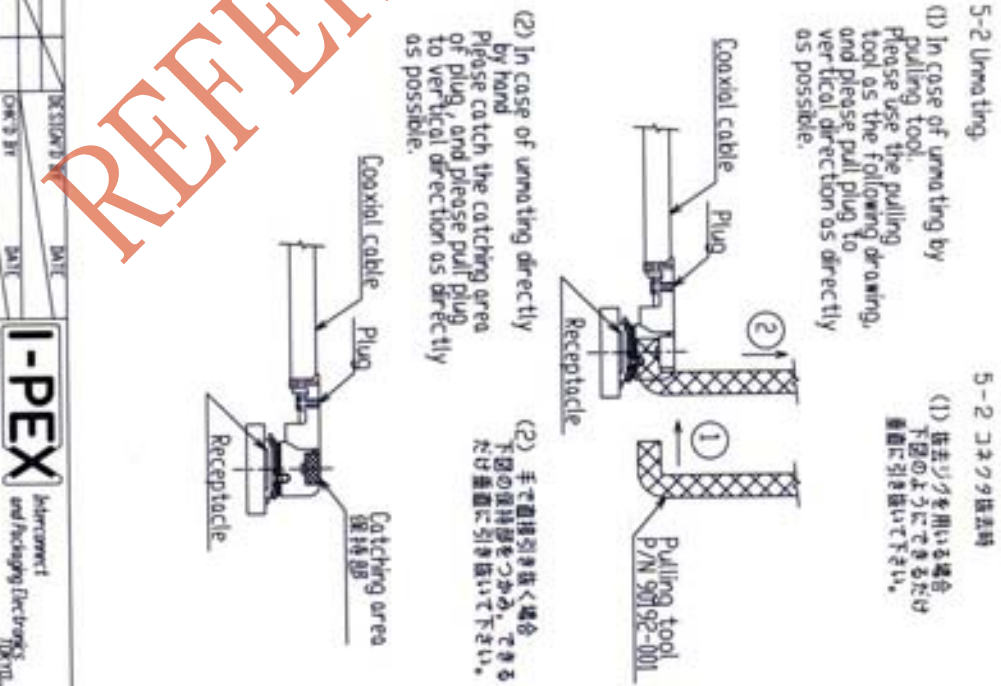
GENERAL TOLERANCE	
6. MAX.	±0.2
6. OVER MAX.	±0.3
30. OVER MAX.	±0.5
ANGLE	±2°

FROM REV.4

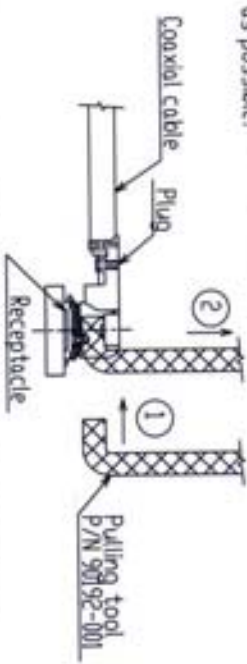
1. 材料
(1) ハウジング : PBT, UL94V-0, 黒色
(2) コネクタ :
: 全メッキ
(3) ラッパコネクタ : りん青銅, 全メッキ
2. 梱包 : リール
3. 対応相手 part No. : 20279-001E-01

5. コネクタの合着および抜去時の注意

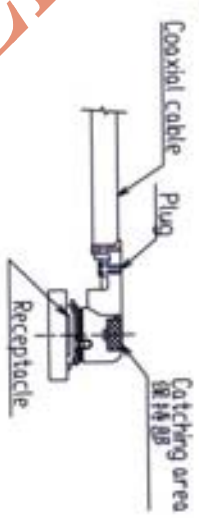
5-1 コネクタ挿入時
プラグとレセプタクルの合着を合わせ、できるだけ垂直に挿入して下さい。
傾斜な斜め挿入は行わないで下さい。
コネクタ破損の原因となりますので、過度なこじり挿入は行わないで下さい。



5-2 Unmating
(1) In case of unmating by pulling tool,
Please use the following drawing, and please pull plug to vertical direction as directly as possible.



(2) In case of unmating directly by hand
Please catch the catching area of plug, and please pull plug to vertical direction as directly as possible.



REVISION		DATE		BY	
REV.1	BY	DATE	APP	DATE	APP
REV.2	BY	DATE	APP	DATE	APP
REV.3	BY	DATE	APP	DATE	APP
REV.4	BY	DATE	APP	DATE	APP
REV.5	BY	DATE	APP	DATE	APP
REV.6	BY	DATE	APP	DATE	APP
REV.7	BY	DATE	APP	DATE	APP
REV.8	BY	DATE	APP	DATE	APP
REV.9	BY	DATE	APP	DATE	APP
REV.10	BY	DATE	APP	DATE	APP
REV.11	BY	DATE	APP	DATE	APP
REV.12	BY	DATE	APP	DATE	APP
REV.13	BY	DATE	APP	DATE	APP
REV.14	BY	DATE	APP	DATE	APP
REV.15	BY	DATE	APP	DATE	APP
REV.16	BY	DATE	APP	DATE	APP
REV.17	BY	DATE	APP	DATE	APP
REV.18	BY	DATE	APP	DATE	APP
REV.19	BY	DATE	APP	DATE	APP
REV.20	BY	DATE	APP	DATE	APP
REV.21	BY	DATE	APP	DATE	APP
REV.22	BY	DATE	APP	DATE	APP
REV.23	BY	DATE	APP	DATE	APP
REV.24	BY	DATE	APP	DATE	APP
REV.25	BY	DATE	APP	DATE	APP
REV.26	BY	DATE	APP	DATE	APP
REV.27	BY	DATE	APP	DATE	APP
REV.28	BY	DATE	APP	DATE	APP
REV.29	BY	DATE	APP	DATE	APP
REV.30	BY	DATE	APP	DATE	APP
REV.31	BY	DATE	APP	DATE	APP
REV.32	BY	DATE	APP	DATE	APP
REV.33	BY	DATE	APP	DATE	APP
REV.34	BY	DATE	APP	DATE	APP
REV.35	BY	DATE	APP	DATE	APP
REV.36	BY	DATE	APP	DATE	APP
REV.37	BY	DATE	APP	DATE	APP
REV.38	BY	DATE	APP	DATE	APP
REV.39	BY	DATE	APP	DATE	APP
REV.40	BY	DATE	APP	DATE	APP
REV.41	BY	DATE	APP	DATE	APP
REV.42	BY	DATE	APP	DATE	APP
REV.43	BY	DATE	APP	DATE	APP
REV.44	BY	DATE	APP	DATE	APP
REV.45	BY	DATE	APP	DATE	APP
REV.46	BY	DATE	APP	DATE	APP
REV.47	BY	DATE	APP	DATE	APP
REV.48	BY	DATE	APP	DATE	APP
REV.49	BY	DATE	APP	DATE	APP
REV.50	BY	DATE	APP	DATE	APP
REV.51	BY	DATE	APP	DATE	APP
REV.52	BY	DATE	APP	DATE	APP
REV.53	BY	DATE	APP	DATE	APP
REV.54	BY	DATE	APP	DATE	APP
REV.55	BY	DATE	APP	DATE	APP
REV.56	BY	DATE	APP	DATE	APP
REV.57	BY	DATE	APP	DATE	APP
REV.58	BY	DATE	APP	DATE	APP
REV.59	BY	DATE	APP	DATE	APP
REV.60	BY	DATE	APP	DATE	APP
REV.61	BY	DATE	APP	DATE	APP
REV.62	BY	DATE	APP	DATE	APP
REV.63	BY	DATE	APP	DATE	APP
REV.64	BY	DATE	APP	DATE	APP
REV.65	BY	DATE	APP	DATE	APP
REV.66	BY	DATE	APP	DATE	APP
REV.67	BY	DATE	APP	DATE	APP
REV.68	BY	DATE	APP	DATE	APP
REV.69	BY	DATE	APP	DATE	APP
REV.70	BY	DATE	APP	DATE	APP
REV.71	BY	DATE	APP	DATE	APP
REV.72	BY	DATE	APP	DATE	APP
REV.73	BY	DATE	APP	DATE	APP
REV.74	BY	DATE	APP	DATE	APP
REV.75	BY	DATE	APP	DATE	APP
REV.76	BY	DATE	APP	DATE	APP
REV.77	BY	DATE	APP	DATE	APP
REV.78	BY	DATE	APP	DATE	APP
REV.79	BY	DATE	APP	DATE	APP
REV.80	BY	DATE	APP	DATE	APP
REV.81	BY	DATE	APP	DATE	APP
REV.82	BY	DATE	APP	DATE	APP
REV.83	BY	DATE	APP	DATE	APP
REV.84	BY	DATE	APP	DATE	APP
REV.85	BY	DATE	APP	DATE	APP
REV.86	BY	DATE	APP	DATE	APP
REV.87	BY	DATE	APP	DATE	APP
REV.88	BY	DATE	APP	DATE	APP
REV.89	BY	DATE	APP	DATE	APP
REV.90	BY	DATE	APP	DATE	APP
REV.91	BY	DATE	APP	DATE	APP
REV.92	BY	DATE	APP	DATE	APP
REV.93	BY	DATE	APP	DATE	APP
REV.94	BY	DATE	APP	DATE	APP
REV.95	BY	DATE	APP	DATE	APP
REV.96	BY	DATE	APP	DATE	APP
REV.97	BY	DATE	APP	DATE	APP
REV.98	BY	DATE	APP	DATE	APP
REV.99	BY	DATE	APP	DATE	APP
REV.100	BY	DATE	APP	DATE	APP

VAS 1

Material Data Sheet

EMI Sleeve Core

SPECIFICATION FOR APPROVAL

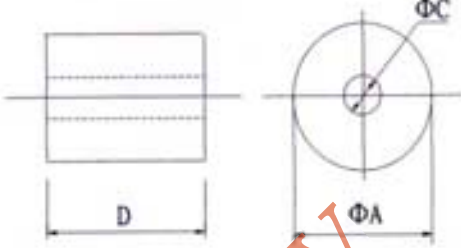
CUSTOMER: 萬旭電業股份有限公司		CUS' S P/N:		DATE: 2003/10/9
ITEM: K5A RH 4X2X10		REF NO:10-13-040020100-0		
(1) DIMENSION (Unit:mm)		A	4.00	+ 0.20 - mm
				+ mm - mm
		C	2.00	+ 0.15 - mm
		D	10.00	+ 0.40 - mm
				+ mm - mm
				+ mm - mm
				+ mm - mm
(2) ELECTRICAL REQUIREMENTS:				
		REMARK:		
		TEST FREQ		
		TEST FREQ		
Z	35 - 0	Ω	TEST FREQ	25 MHz
Z	60 - 0	Ω	TEST FREQ	100 MHz
		TEST FREQ		
COIL DATA	Qo=	PF	TEST FREQ	
	Lo=			
Winding 0.65 Φ X 63 mm T.C.W 1 TS				
(3) TEST INSTRUMENTS				
1. IMPEDANCE ANALYZER: HP4191A				
DRAWN	CHECKED	APPROVED	ISSUE NO.	
DATE	DATE	DATE	WC-RH-039	

佳真股份有限公司
CORE-TECH CORPORATION

TEL:03-4861211
FAX:03-4861210

INSPECTION DATA

ISSUE NO:WC-RH-039

CUSTOMER	萬旭電業股份有限公司			DATE	2003/10/9		Quantity	0 pcs											
PART NO.	10-13-040020100-0																		
ITEM	K5A RH 4X2X10																		
COIL SPEC	0.65 Φ X 63 mm T.C.W I TS																		
COIL DATA	Q0= CO= (PF)																		
TEST FREQ	F0= Hz Ft= 25,100 MHz																		
TEMPERATURE	28 °C Humidity 87 %																		
ELECTRIC CHAREC.				DIMENSION(Unit:mm)															
	L	Q	Z(25)	Z(100)	A	B	C	D	E	F	G	H	I						
SP			35.00	60.00	4.00		2.00	10.00											
+					0.20		0.15	0.40											
-			0	0	0.20		0.15	0.40											
1			45.00	82.00	3.96		2.02	9.95											
2			47.00	84.00	3.93		2.03	9.98											
3			46.00	82.00	3.92		2.09	9.96											
4			47.00	82.00	3.91		2.03	9.98											
5			45.00	81.00	3.95		2.08	9.96											
6			46.00	80.00	3.93		2.05	10.00											
7			46.00	81.00	3.95		2.03	10.02											
8			46.00	81.00	3.93		2.07	9.95											
9			46.00	80.00	3.92		2.09	9.93											
10			45.00	82.00	3.96		2.05	9.97											
X			45.90	81.50	3.94		2.05	9.97											
R			2.00	4.00	0.05		0.07	0.09											
TEST INSTRUMENTS																			
1. IMPEDANCE ANALYZER: HP4191A																			
INSP No:																			
REMARK:																			
<table border="1"> <tr> <td>Inspected</td> <td>Checked</td> <td>Approved</td> </tr> <tr> <td>  </td> <td>  </td> <td></td> </tr> </table>														Inspected	Checked	Approved			
Inspected	Checked	Approved																	
																			

CORE-TECH CORPORATION

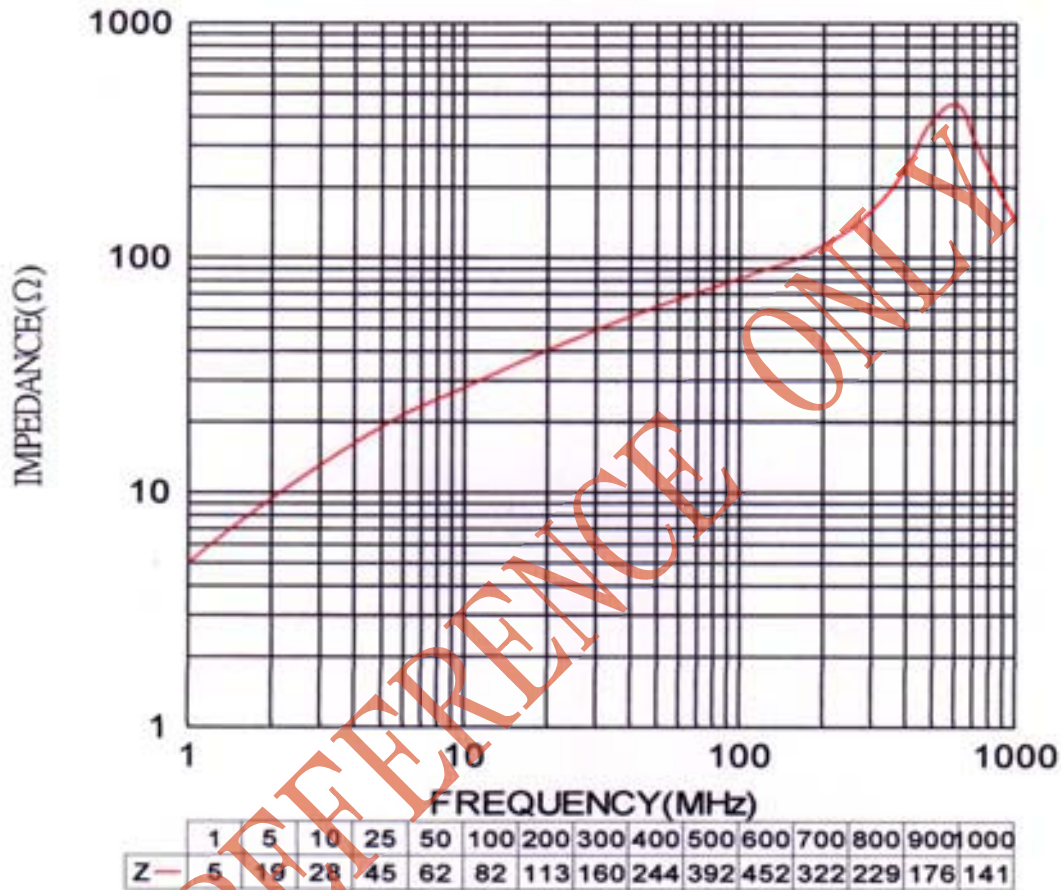
TEL:03-4861211
FAX:03-4861210

Z-F RESPONSE

K5A RH 4X2X10

1. TEST INSTRUMENT: HP4191A

2. WINDING: 0.65 Φ X63 mm T.C.W 1TS



(DATA BETWEEN 500MHz AND 1000MHz ARE FOR REFERENCE ONLY)

CORE-TECH CORPORATION

<http://www.coretechweb.com.tw>

E-mail: coretech@tptsl.seed.net.tw

TEL: 03-4861211 FAX: 03-4861210



Lisa Tsai

2006/07/18 03:36 PM

收件人： Stacy Lee/Alphanetworks@Alphanetworks, Karl Chou/Alphanetworks@Alphanetworks, Basic Chen/Alphanetworks@Alphanetworks, Nina Liu/Alphanetworks@Alphanetworks, Yi-Ming Chen/Alphanetworks@Alphanetworks

副本抄送：

主旨： 尙亞資料移轉問題點 review meeting minutes

----- 轉呈者 Lisa Tsai/Alphanetworks 於 2006/07/18 03:35 PM -----



Gloria Tsai

2006/07/12 08:16 PM

收件人： ping@cellvision1.com.tw, chl@cellvision1.com.tw, Mike Wang/Alphanetworks@Alphanetworks, Terence Hwang/Alphanetworks@Alphanetworks, Carrier Fan/Alphanetworks@Alphanetworks, Ann Hou/Alphanetworks@Alphanetworks, Lisa Tsai/Alphanetworks@Alphanetworks, Judy Lin/Alphanetworks@Alphanetworks

副本抄送： Christine Tsung/Alphanetworks@Alphanetworks, Elise Wu/Alphanetworks@Alphanetworks, Kevin.c Chang/Alphanetworks@Alphanetworks, Easy Hsu/Alphanetworks@Alphanetworks

主旨： 尙亞資料移轉問題點 review meeting minutes

Dear all,

Subject： 尙亞資料移轉問題點 review meeting minutes

Time： July 12, PM 4:00

Attendee： Cellvision -- Ping Chen, Ch Lin

Alpha -- Mike Wang, Ann Hou, Lisa Tsai, Terence Huang, Judy Lin, Carrier Fan, Gloria

Tsai

Conclusion：

1. 電子件申請 by 廠商申請, 有資料 (原尙亞承認書) 先入 DCC. 缺資料者做記錄, 再依廠商別委請尙亞人員追/補資料
2. 電子件補資料請在 8/15前完成
3. 尙亞提供電子零件 sample (大樣:2pcs, 小樣:20pcs) 及照片. (7/14尙亞回覆何時可提供)
4. 尙亞提供機構包材零件各5pcs sample (7/14尙亞回覆何時可提供)
5. 機構包材件尙亞確認是否已承認. (7/14提供清單)
6. 機構包材件補資料請在 8/15前完成
7. 尙亞廠內製的 label (屬耗材者) 需提供 Label SOP (最好有 Sample), 以便明泰是否有相同料或重新申請料號

CE 電子件	
問題點	Action (先申請料號, 資料再後補)
SGS Report 過期	先以原尚亞資料入DCC, 再後補
缺I/R Profile	先以原尚亞資料入DCC, 再後補
零件單重	ok(原承認書即有資料)
零件耐溫	缺資料時, 先暫放"100"
廠商/代理商資料	缺Vendor code時, 先暫放"99996"
未能提供SGS Report者需提供"宣告書"	先以原尚亞資料入DCC, 再後補
符合排除條款者需"自我宣告書"	先以原尚亞資料入DCC, 再後補
均質物質成份及重量	先以原尚亞資料入DCC, 再後補
零件規格書(IC類要有Marking)	須齊全
安規零件需附安規資料(整份測試Report)	先以原尚亞資料入DCC, 再後補

機構/PM 件	
問題點	Action
SGS Report 過期	先以原尚亞資料入DCC, 再後補
未能提供SGS Report者需提供"宣告書"	尚亞後補資料
符合排除條款者需"自我宣告書"	尚亞後補資料
零件單重	先以原尚亞資料入DCC, 再後補
均質物質成份及重量	先以原尚亞資料入DCC, 再後補
各零件材質證明	尚亞後補資料
機構原始檔及PDF檔	先以原尚亞資料入DCC, 再後補

Thanks!

Best Regards,
Gloria Tsai
Alpha Networks Inc.
TEL: 886-3-5636666 ext.6450
FAX: 886-3-5678124
E-mail: gloria_tsai@alphanetworks.com

Alpha PN : 505960079510G

零組件品名 : ANT CABLE Mini 1.13 L=150mm



REFERENCE ONLY

零組件承認/申請報告書

編號 E24682

2007/8/27

Alpha P/N : 505960079610G		申請者 :		主管 :	
零組件品名 : ANT CABLE Mini 1.13 L=80mm					
原製造廠商 : 電			原廠編號 : THW0796A		
代理商 : 電					
聯絡人 :			電話 : 02-22988066		
應用機種 :					
COMMENTS :					
結果 號 Panton No: 主管 : ☐ 承辦者 : 日期 : // : :					
結果	合格	審核	// : :		