

仕様書番号

1400047

株式会社サーキットデザイン 御中

納入仕様書

SPECIFICATION FOR APPROVAL

RoHS対応

品名 Description	ANTENNA (NT-4M)
型名 Type Name	CX-MPA1XXXXZ0003 ANT-2G4S3
御社部品番号 Customer Part No.	23990
弊社部品番号 Vender Part No.	40140706 (CX-MPA1XXXXZ0003)

受領印欄
Specification Sheet Receipt

この書類を受領いたしました。

品番

23990

2014年7月11日

(株)サーキットデザイン
技術部

提出部数

3部

御返却部数

1部

株式会社 マップエレクトロニクス

〒386-0005

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DATE

2014年07月10日

承認
APPROVED確認
CHECKED作成
DESIGNED

變 更 履 歷 書

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Index.

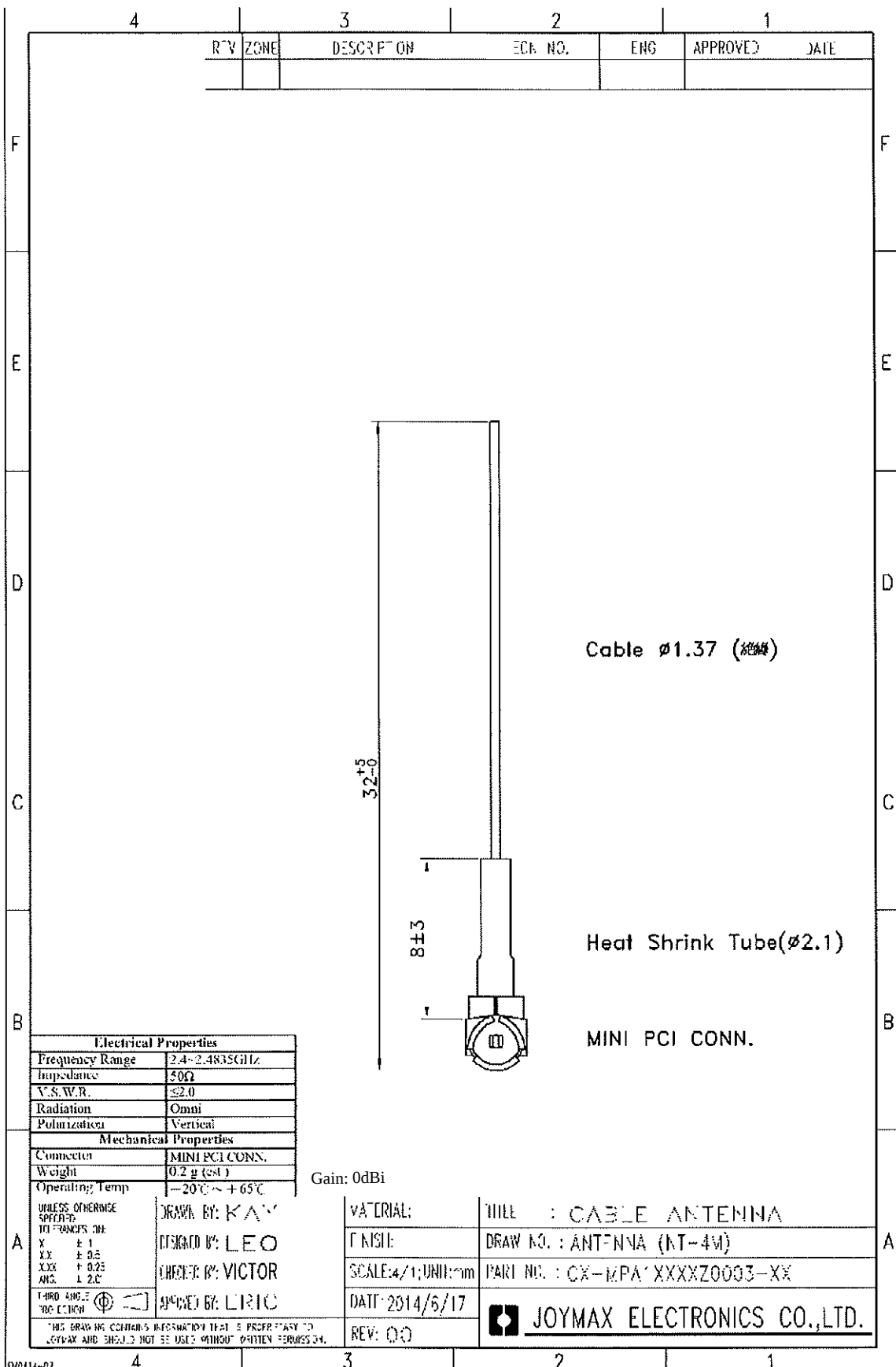
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Modification History:

Rev.	Date	Content
00	2014/6/18	

1. Specification

1.1 Drawing

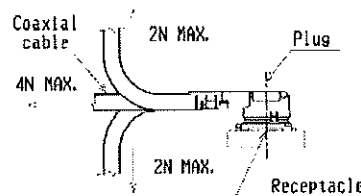


Connector

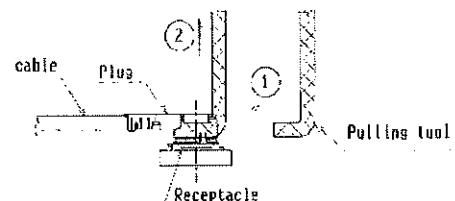
Mini PCI Conn

Specification	1) Impedance	50 ±2 Ω (TDR)
Data	2) Frequency Range	0~6GHz
	3) V.S.W.R.	1.3Max.(DC0.1~3GHz),1.5Max.(3~6GHz)
	4) Insulation resistance	≥500 MΩ.km
	5) Dielectric withstanding voltage	AC1000V ,1 minute No creeping discharge

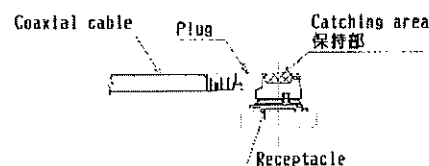
Environmental	1) Operating Temperature	40°C ~ +90°C
Data	2) Permissible load of cable at mating	



- 3) In case of unmating by pulling tool : Please use the pulling tool as the following drawing and please pull plug to vertical direction as directly as possible



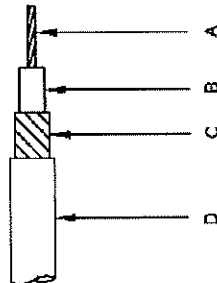
- 4) In case of unmating directly by hand: Please catch the catching area of plug ,and please pull plug to vertical direction as directly as possible.



Material	Material Data	Material
Specifications	1) Body	Phosphor Bronze
	2) Contact	Phosphor Bronze
	3) Insulator	PBT (UL94-V0)

Cable

1.37



Scope:

This specification presents a FEP jacketed COAXIAL cable AWG30, 1.37 mm O.D. for internal wiring of electronic equipment, such as Computer/Notebook with wireless communication systems.

Construction:

A) Inner Conductor:
Silver Plated Copper
OD 0.304mm

B) Dielectric:
Extruded PTEE
OD 0.89

C) Outer Conductor:
Silver Plated Copper
OD 1.11mm

D) Outer Jacket:
Extruded FEP
OD 1.37±0.1mm

Electricals:

Impedance: 50 ± 2 Ohms
Inner Conductor Resistance @20°C: 349 nom. Ω/km
Capacitance: 96.5 pF/m nom

Attenuation:

100MHz	44.78 dB/100m
400MHz	91.83 dB/100m
800MHz	129.33 dB/100m
1GHz	147.33 dB/100m
2GHz	210.04 dB/100m
3GHz	263.41 dB/100m
4GHz	315.53 dB/100m
5GHz	359.44 dB/100m
6GHz	389.42 dB/100m

2.Test Report

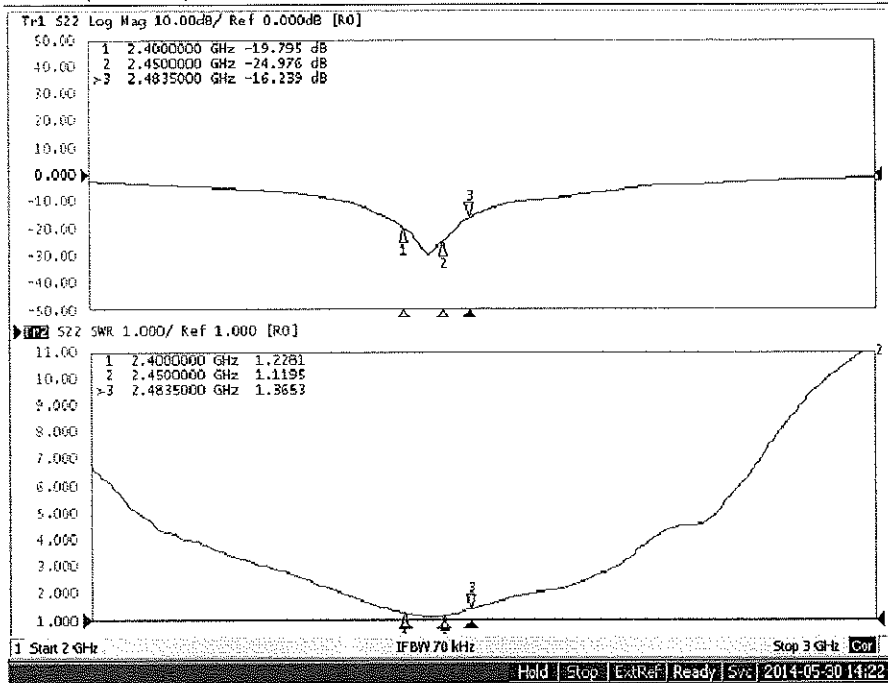
Model NO. CX-MPA1XXXXZ0003-XX

2.1 Electrical test

Return loss/V.S.W.R

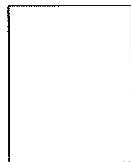
Return loss 1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

V.S.W.R.

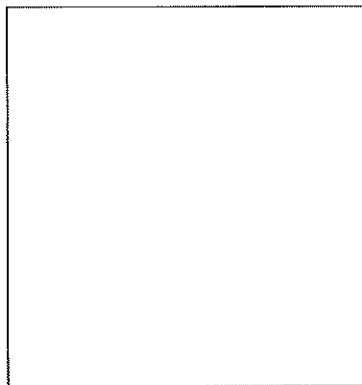


Model. CX-MPA1XXXXZ0003-X1

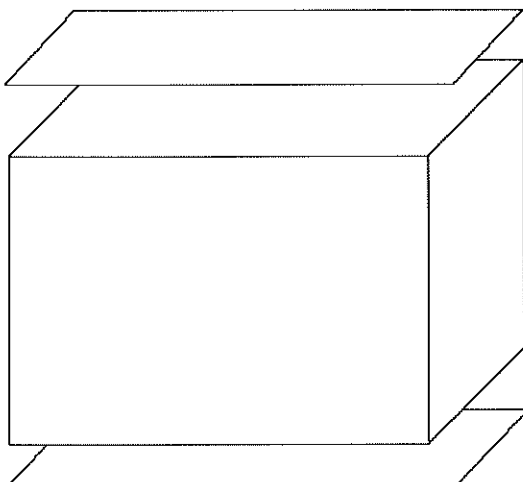
PACKING



1PCS ANT/1 Zipper bag
Zip bag size 5*7 cm



100PCS ANT/1 Zipper bag
Zip bag size 13*16 cm



1000PCS ANT/1 Carton+2 Bubble
Partition
Carton size 320*250*230 mm
Bubble Partition size 310*240 mm