

# 承認書

## APPROVAL SHEET

CUSTOMER: MAP ELECTRONICS CO., LTD

CUSTOMER MODEL NO.: MEIHF-ME02MPXX-2400

DESCRIPTION: 2.4GHz Flying Lead Antenna

REV.: 00

DATE: 2014/8/14

Customer Approval



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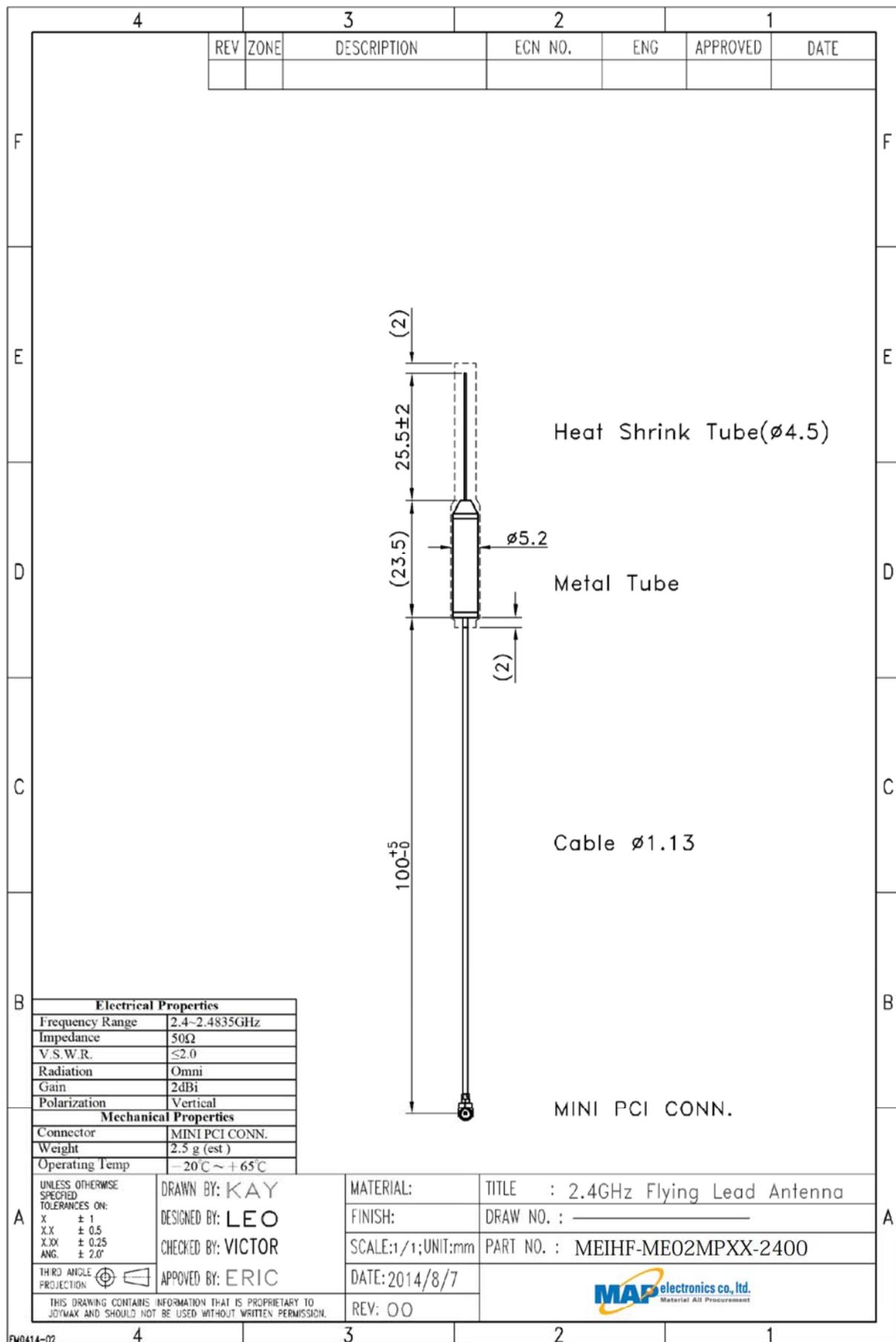
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### Modification History:

<b>Rev.</b>	<b>Date</b>	<b>Content</b>
00	2014/8/14	

# 1. Specification

## 1.1 Drawing



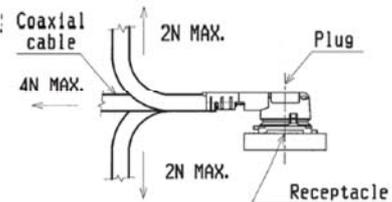
FM0414-02

## Connector

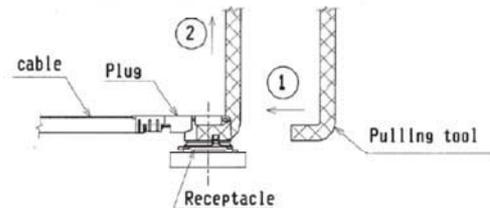
## Mini PCI Conn

Specification Data	1) Impedance	$50 \pm 2 \Omega$ (TDR)
	2) Frequency Range	0~6GHz
	3) V.S.W.R.	1.3Max.(DC0.1~3GHz),1.5Max.(3~6GHz)
	4) Insulation resistance	$\geq 500 M\Omega \cdot km$
	5) Dielectric withstanding voltage	AC1000V ,1 minute No creeping discharge

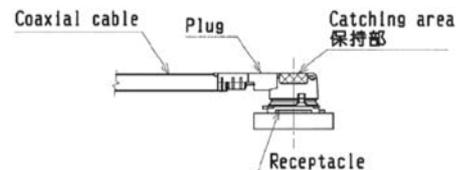
Environmental Data	1) Operating Temperature	$-40^{\circ}C \sim +90^{\circ}C$
	2) Permissible load of cable at mating:	



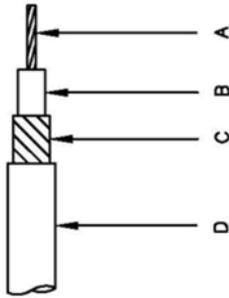
- 3) In case of unmating by pulling tool : Please use the pulling tool as the following drawing and please pull plug to vertical direction as directly as possible



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



Scope:

This specification presents a FEP jacketed COAXIAL cable AWG32, 1.13 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 0.237mm
- B) Dielectric:  
Extruded PTEE  
OD 0.68
- C) Outer Conductor:  
Silver Plated Copper  
OD 0.9mm
- D) Outer Jacket:  
Fep-brown tint  
OD 1.13±0.05mm

Electricals:

Impedance: 50 ± 2 Ohms  
 Inner Conductor Resistance @20°C: 525 nom. Ω/km  
 Capacitance: 98 pF/m nom

Attenuation:

100MHz	63.21 dB/100m
400MHz	131.20 dB/100m
800MHz	190.55 dB/100m
1GHz	226.47 dB/100m
2GHz	322.43 dB/100m
3GHz	414.92 dB/100m
4GHz	512.47 dB/100m
5GHz	593.76 dB/100m
6GHz	660.42 dB/100m

## 2. Test Report

Model NO. MEIHF-ME02MPXX-2400

### 2.1 Electrical test

Return loss/V.S.W.R

Return loss

