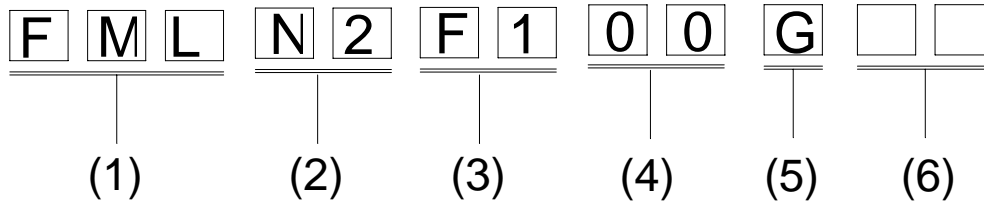


# FM Chip Antenna For FMLN2F100G

## 1. Explanation of part number :



- (1) Product type: FM chip antenna (LTCC).
- (2) Size code:
  - 1. N2: 24x5x1.2mm<sup>3</sup>
- (3) Freq code:
  - 1. F1: 88~108MHz
- (4) Series code:
- (5) *Green product: RoHS compliance*
- (6) Suffix:

## 2. Electrical Specification :

Electrical Specification	
Frequency range	88 ~ 108MHz
Polarization	Linear
Patten	Omni-Directional
Reef impedance	50 ohm
Size	24x5x1.2mm <sup>3</sup>

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±            X.X=±            X.XX=±  
 ANGLES=±            HOLEDIA=±



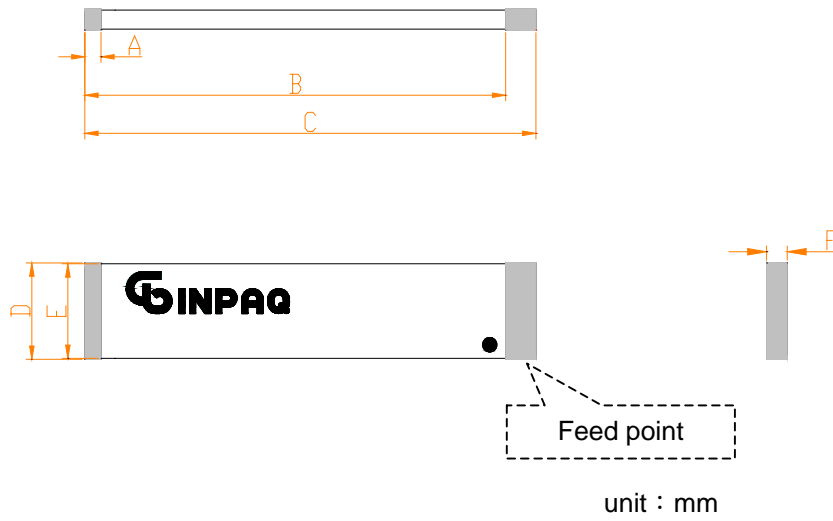
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SCALE : xxxx	UNIT : mm
DRAWN BY: J.M. Chen	CHECKED BY: Ken
DESIGNED BY : J.M. Chen	APPROVED BY: Ken

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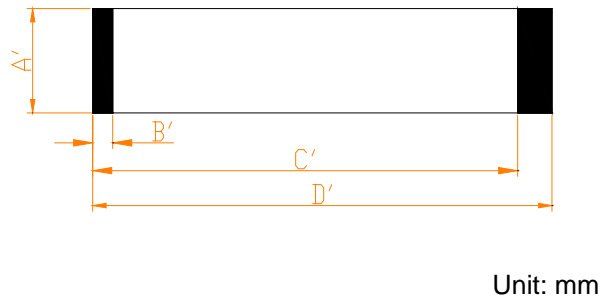
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### 3. Dimensions



A	B	C	D	E	F
0.85±0.15	22.3±0.5	23.9±0.5	5.0±0.2	4.9±0.1	1.1±0.2

### 4. PCB Pad Layout



A'	B'	C'	D'
5.5±0.2	1.0±0.2	22.5±0.2	24.0±0.5

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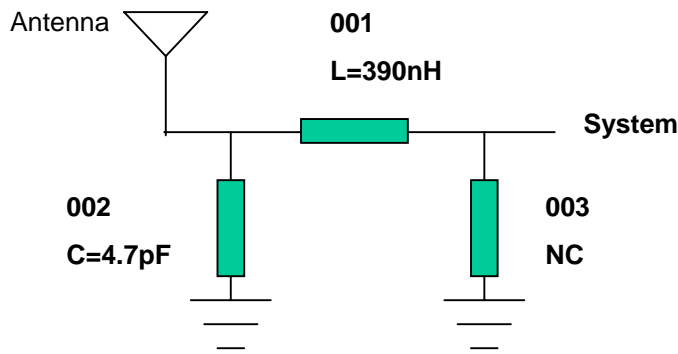
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DOCUMENT NO.

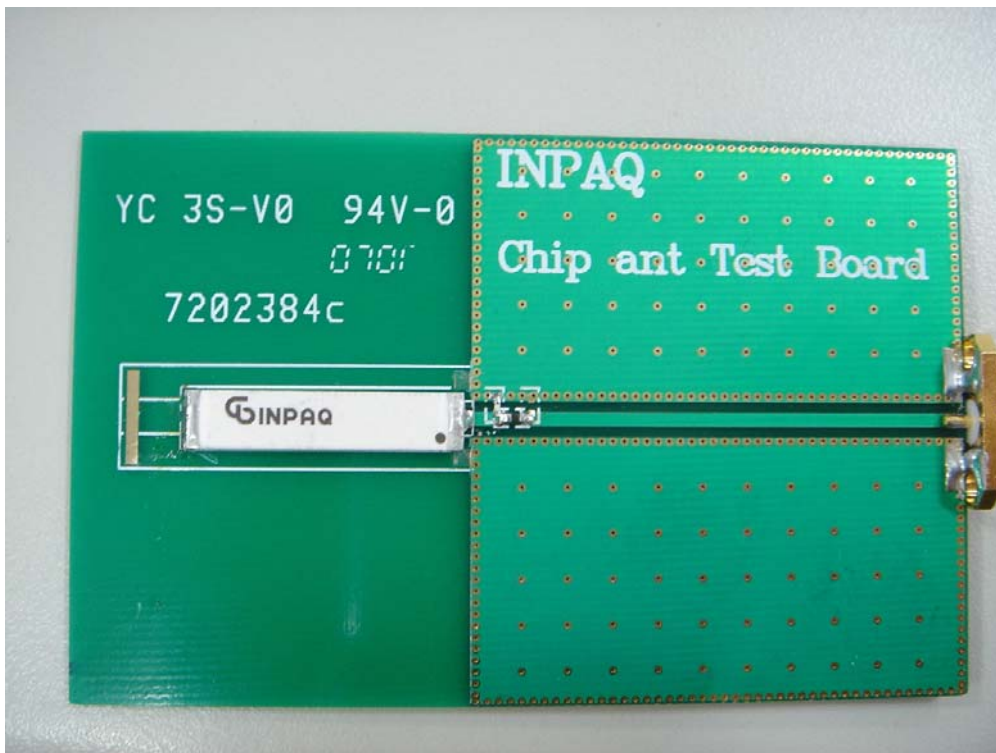
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### 5. Demo board matching circuit



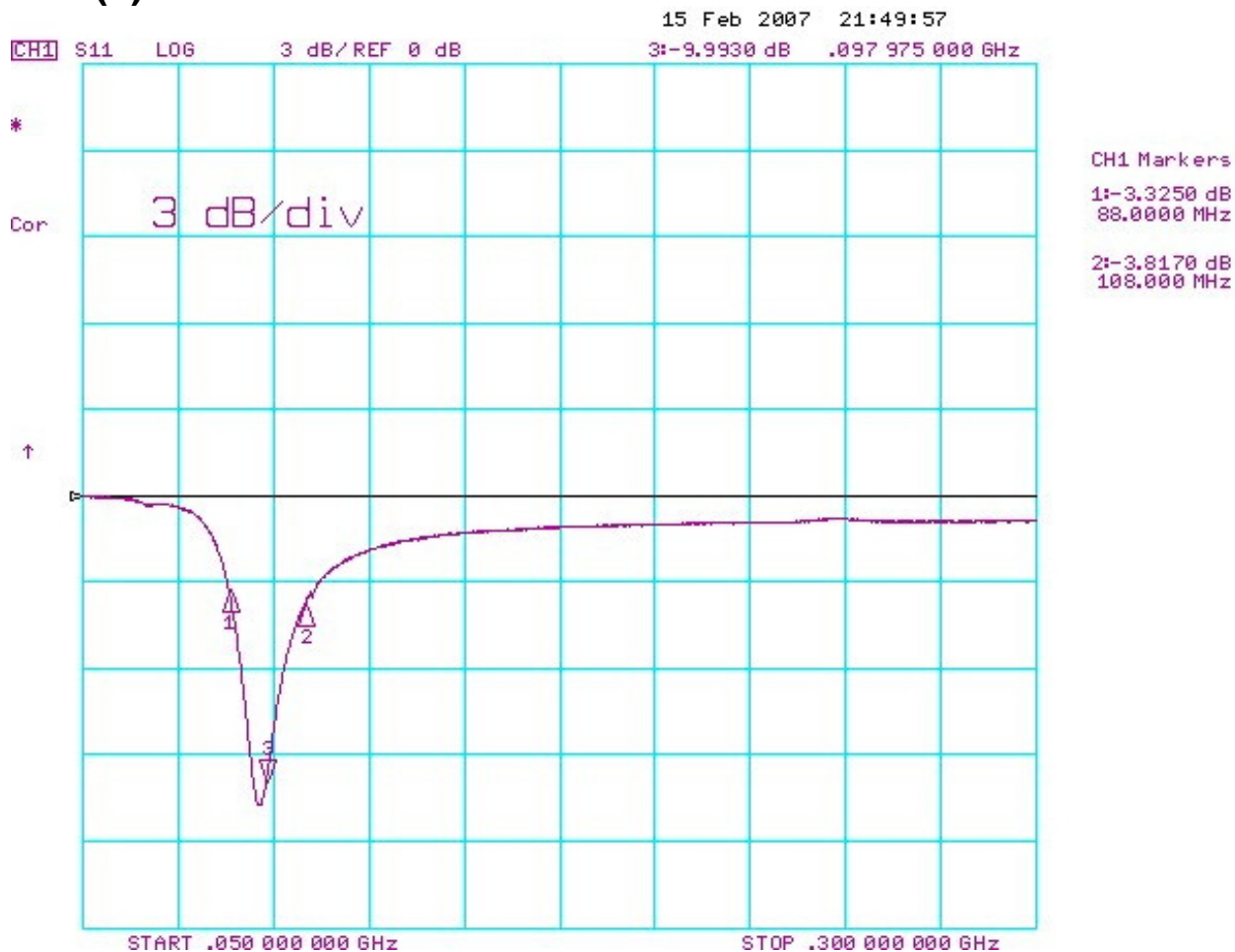
### 6. The picture of test jig



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		PAGE REV. <b>P1</b>

## 7. Measurement data

### (1) Return loss



### (2) Measurement frequency points and S11 value

Frequency (Unit MHz)	88	89	108
Return loss	-3.2	-9.9	-3.8

UNLESS OTHER SPECIFIED TOLERANCES ON :

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