

W3 FPC ANTENNA

Product Information

Design: Shenzhen IWOWN Technology Co.,Ltd

Address: 1201 Shenzhen International Qianhai E-metro Tower, Gang Cheng Street, Nan Shan Road, Qianhai Shenzhen Hong Kong cooperation zone, Shenzhen

Vendor:BLF

P/N:11.22071004

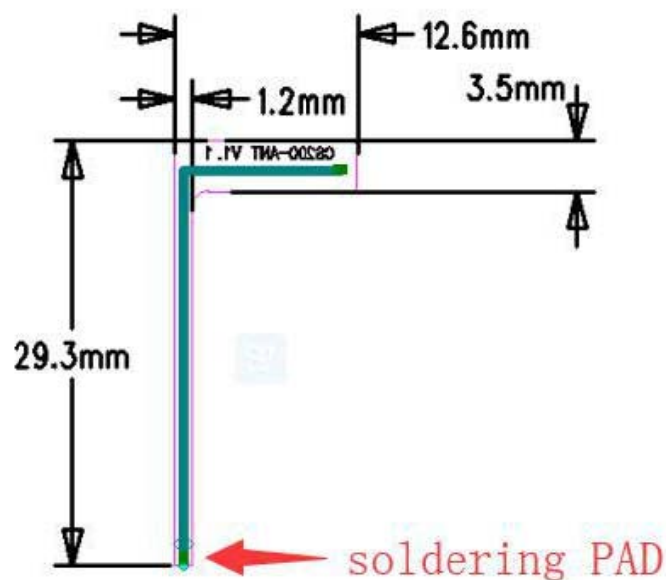
FEATURES

- 1、 Miniature size: 29.3 X 12.6 X 0.1 mm
- 2、 Low Profile Thickness
- 3、 Low Insertion loss
- 4、 High density, light weight, thin thickness

APPLICATIONS

1. 2.4GHz ISM band RF applications
2. Bluetooth, Wireless LAN 802.11b/g, HomeRF

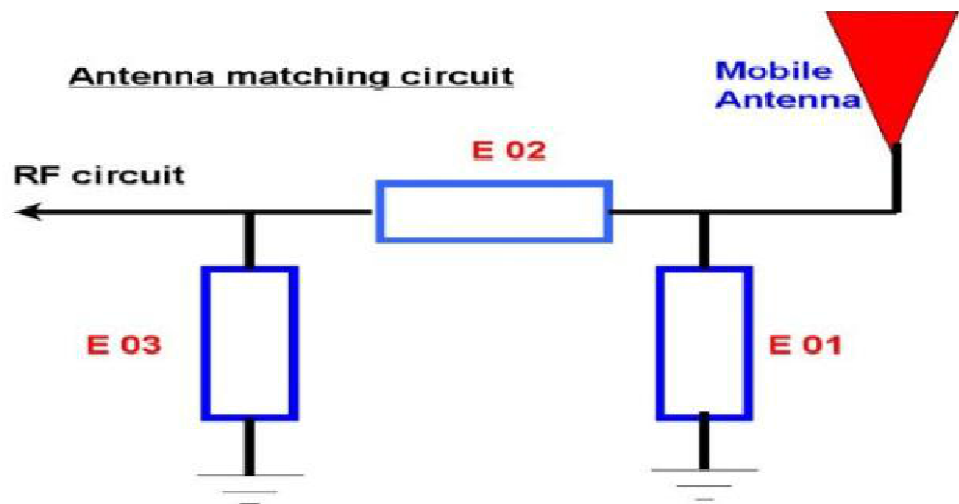
CONSTRUCTION



ELECTRICAL CHARACTERISTICS

CS200-ANT	Specification
Working Frequency Range	2450 ± 50 MHz
Fc (GHz)	2.9
Gain (dBi)	2 (Typical)
VSWR	2 max.
Operation Temperature	-40℃ ~ +85℃

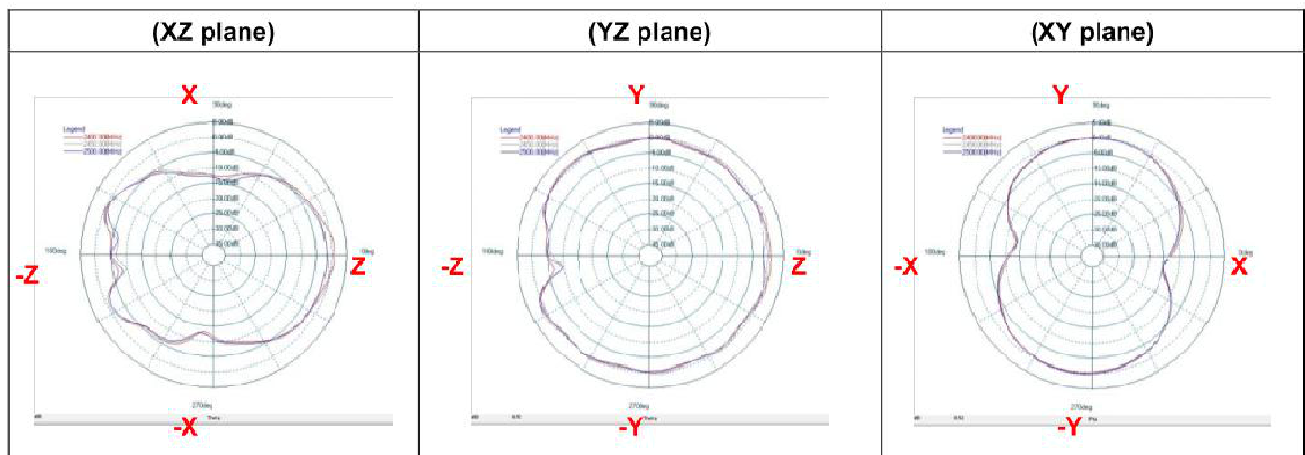
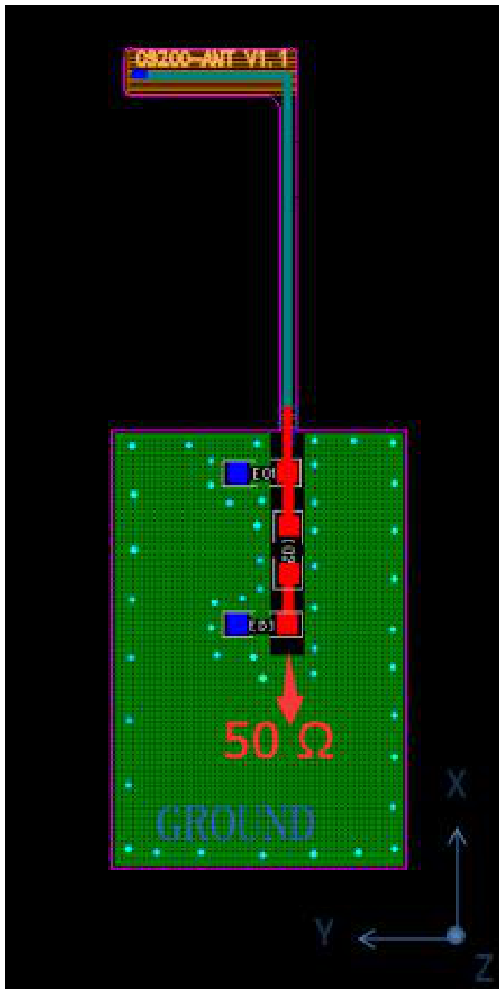
Matching component value



			BT
Element			Value
E1			N/A
E2			0 Ω
E3			2.2nH

Antenna on Test Board (Thickness 0.8mm)

Radiation Pattern and Gain were dependent on measurement board design. The specification of FPC RF ANTENNA :11.22071004 was measured based on the PCB size and installation position as shown in the below figure Test Board



Typical Electrical Chart

