

Shenzhen Chuangxun Technology Co Ltd

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深圳创讯实业有限公司 样品承认书

客户名称：东莞市天翼通讯电子有限公司

物料名称：天线

40/00500080

物料规格：RFECA3216060A19C3C

品牌：WALSIN

版本：V001

确认日期：2021-11-02

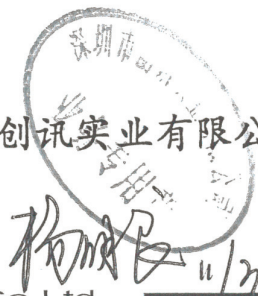
备案号：

客户承认：



深圳市创讯实业有限公司

核准：



Shenzhen Transcendence Industry Co Ltd

APPROVAL SHEET

MULTILAYER CERAMIC ANTENNA

RFECA Series – RoHS Compliance

Halogens Free Product

2.4 GHz ISM Band Working Frequency

P/N: RFECA3216060A19C3C

*Contents in this sheet are subject to change without prior notice.

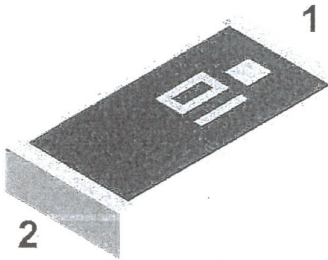
FEATURES

1. Surface Mounted Devices with a small dimension of $3.2 \times 1.6 \times 0.6 \text{ mm}^3$ meet future miniaturization trend.
2. LTCC process.
3. High stability in Temperature / Humidity Change.
4. Superb performance to place on the middle of PCB edge and excellent peak/ average gain observed by field test application.

APPLICATIONS

1. ISM Band 2.4GHz applications.
2. Bluetooth..

CONSTRUCTION

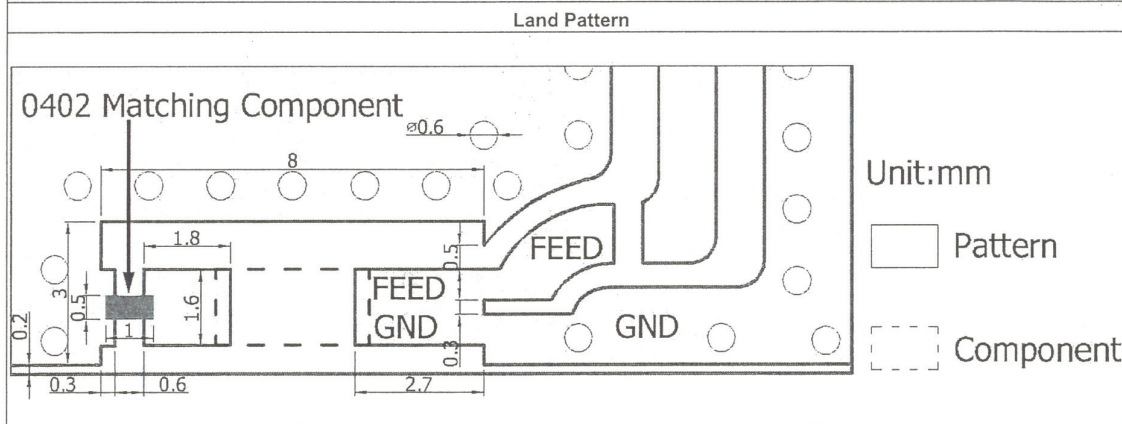
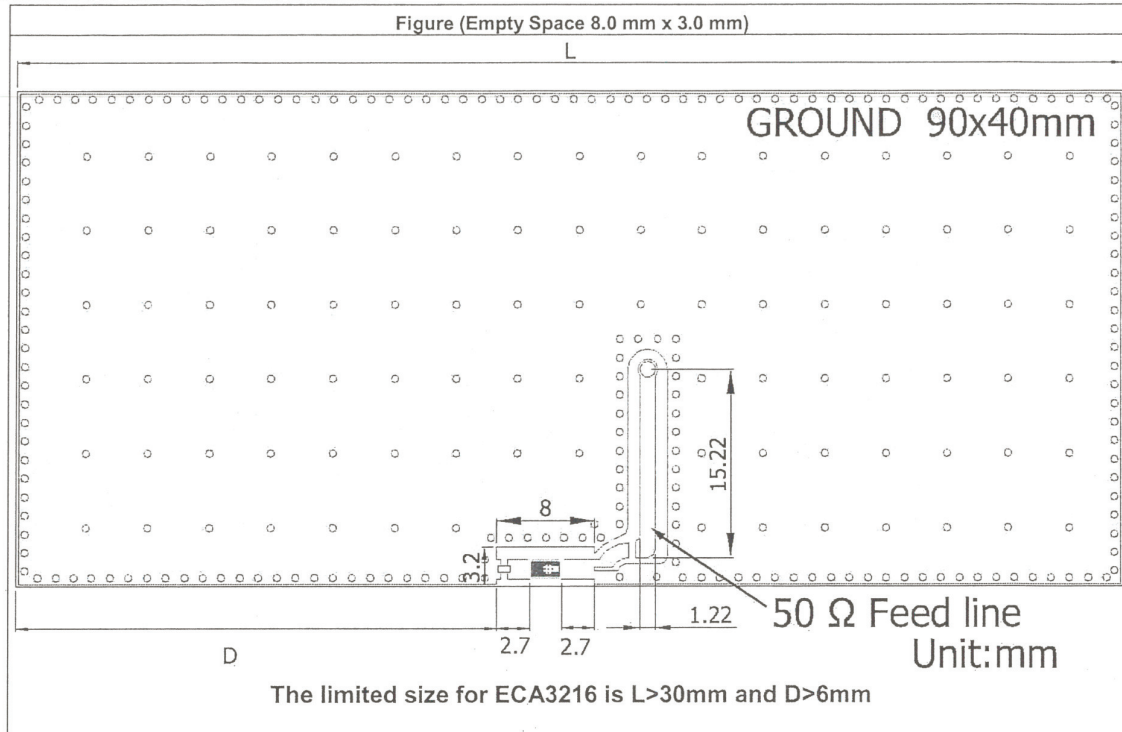


PIN	Connection
1	Feeding
2	Soldering terminal

DIMENSIONS

Figure	Symbol	Dimension (mm)
	L	3.10 ± 0.20
	W	1.60 ± 0.20
	T	0.60 ± 0.10
	A	0.25 ± 0.20

SOLDER LAND PATTERN DESIGN

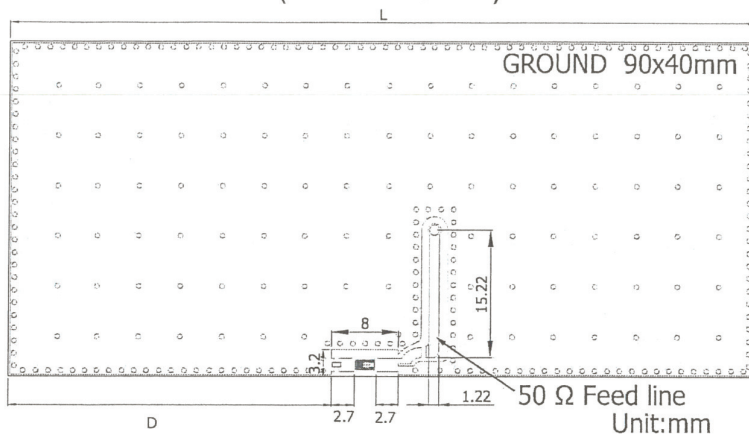


TYPE 1 ELECTRONIC CHARACTERISTICS

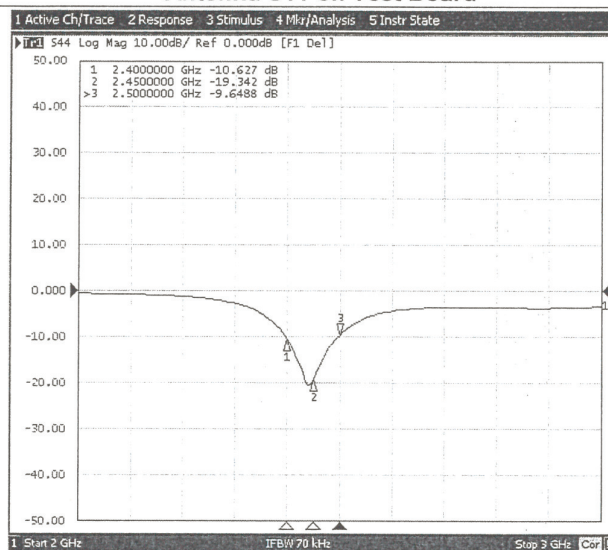
Item	Specification
Working Frequency Range	2.4GHz~2.4835GHz (Note-1)
Gain	2 dBi (Typical)
VSWR	2.1 max.
Polarization	Linear
Azimuth Bandwidth	Omni-directional
Impedance	50 Ω

*Note 1. Central Frequency should be defined after customers' application approval.

Antenna on Test Board (Thickness 0.8mm)



Antenna S11 on Test Board



Antenna VSWR on Test Board

