



ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

Lead-Free & RoHs Compliance!!

SPECIFICATION FOR APPROVAL

CUSTOMER : _____

CUSTOMER P/N : _____

OUR DWG No : _____

QUANTITY : _____ Pcs. DATE : 2018/11/20

ITEM : **BTEA0025251G5C1A03**

SPECIFICATION

ACCEPTED BY:

COMPONENT ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
APPROVED	
REJECTED	

奇力新電子股份有限公司
 Chilisin Electronics Corp
 No. 29, Alley 301, Tehhsin Rd.,
 Hukou, Hsinchu 303, Taiwan
 TEL : +886-3- 599-2646
 FAX : +886-3- 599-9176
 E-mail : sales@chilisin.com
 http : //www.chilisin.com

東莞奇力新電子有限公司
 Chilisin Electronics (Dongguan) Co., Ltd.
 No. 78, Puxing Rd., Yuliangwei Administration Area, Qingxi
 Town, Dongguan City, Guangdong, China
 TEL : +86-769-8773-0251~3
 FAX : +86-769-8773-0232
 E-mail : cect@chilisin.com

奇力新電子(河南)有限公司
 Chilisin Electronics (Henan) Co., Ltd.
 XiuWu Xian, industry gathering area
 JiaoZuo, Henan China
 Postal Code:454350
 TEL:+86-391-717-0682
 FAX:+86-391-717-0666

蘇州奇益新電子有限公司
 SUZHOU QI YIXIN Electronics Co., Ltd.
 No.143,Song Shan Rd., Suzhou New District, Suzhou,China
 Postal Code:215129
 TEL:+86-512-6841-2350
 FAX:+86-512-6841-2356
 E-mail : suzhou@chilisin.com

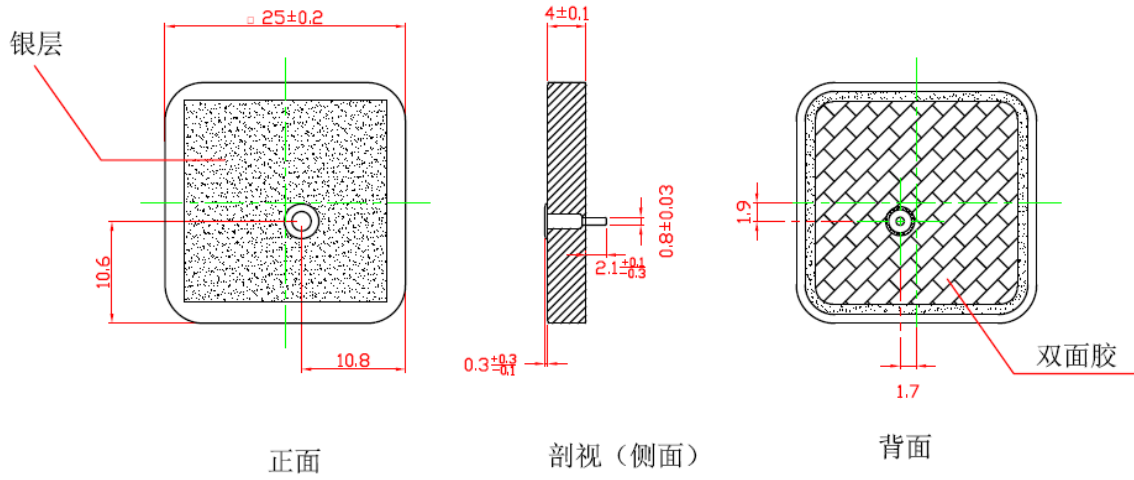
DRAWN BY

CHECKED BY

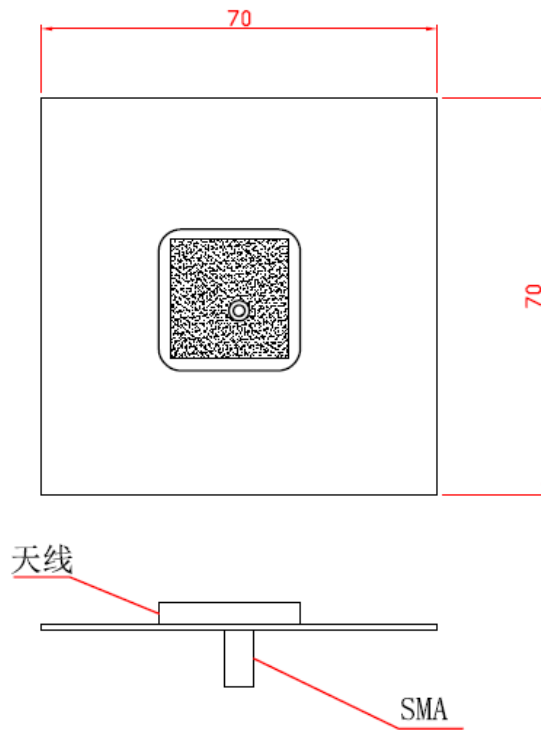
APPROVED BY

Mechanical Specification

1. 产品尺寸



2. 测具





Antenna Specification

ELECTRICAL PROPERTIES

项 目	特性规格
Operating Frequency	1575 ~ 1606 MHz
Bandwidth	GPS: 20 MHz (Typ.) GLONASS: 20 MHz (Typ.)
Gain	GPS: 5 dBi (Typ.) GLONASS: 4.5 dBi (Typ.)
VSWR	2.0 Max.
Impedance	50 Ω
Polarization	RHCP
Axis Ratio	≅ 10dB (Typ.)
Operating Temperature	-40~105℃
注意事项	
1. With 70x70 mm ² Square ground plane ° 2. Central frequency would change when housing and ground plane is changed.	



ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

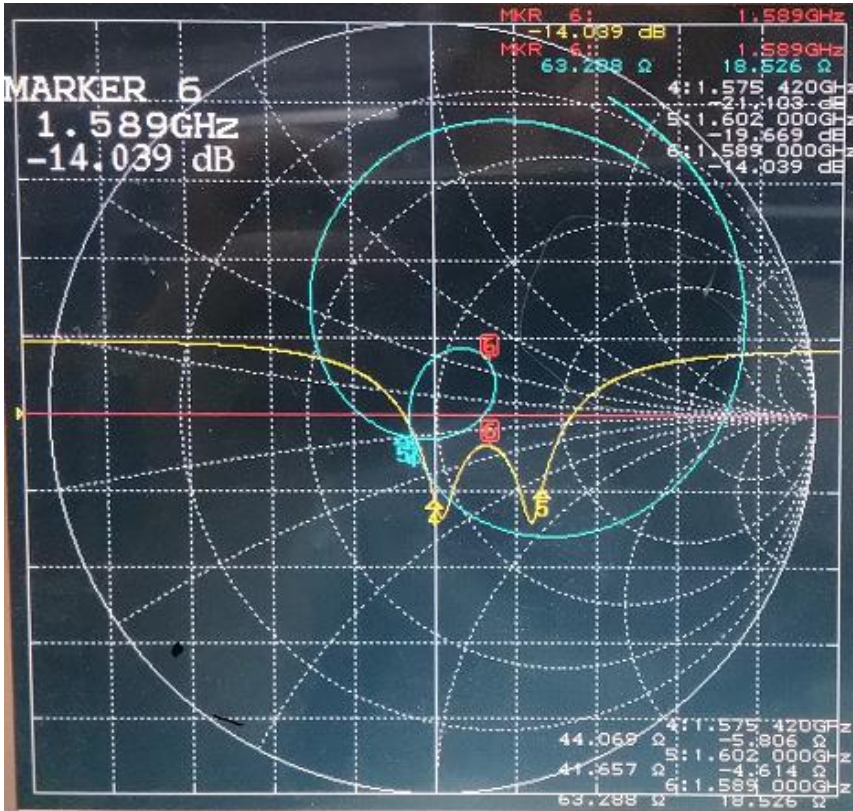
Test Report

ELECTRICAL CHARACTERISTICS

P/NO: BTEA0025251G5C1A03

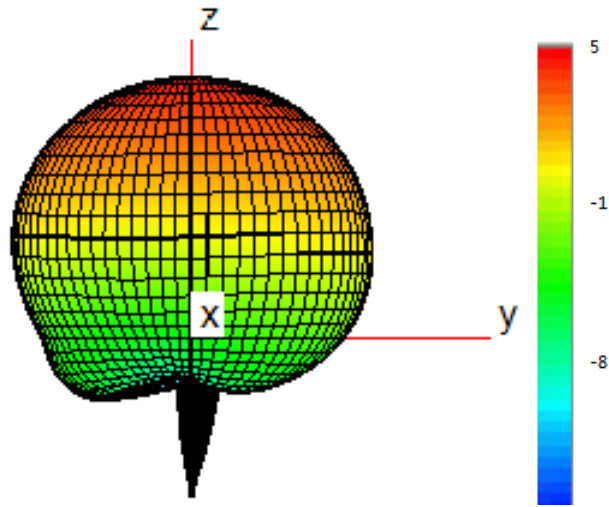
Spec: 1575~1606MHz

S11 & Smith Chart



天线场型

(1) @1575 MHz



(2) @1602 MHz

