



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

Acknowled
APPROVAL

版本: A1

Client

:

Product Specifications

DESCRIPTION:

True Antenna 2.4G 3DB White Antenna-IPEX Outlet

料 号

PART NO.:

YS030-0048

客户料号.

CUS PART NO.:

日 期

D A T E:

2020-3-23

Sample signature:

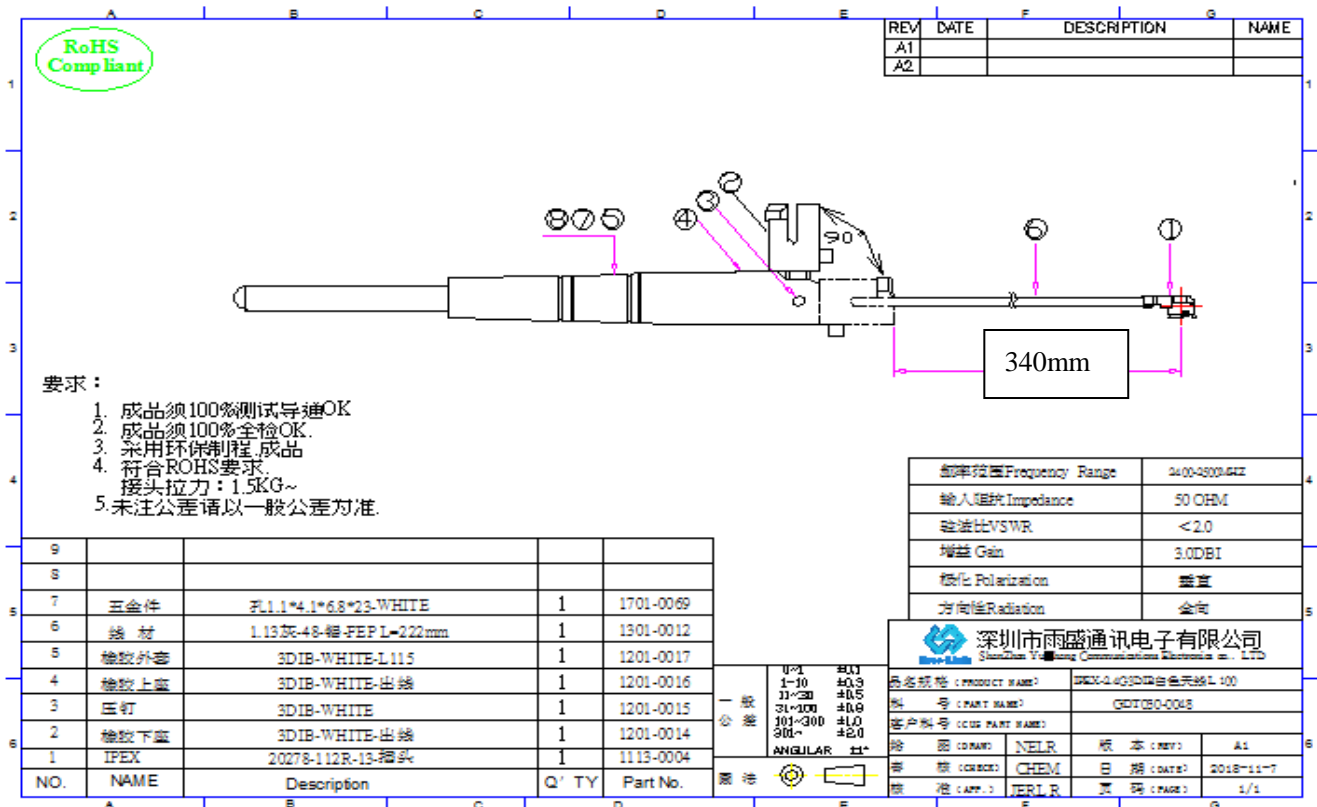
project ENGINEERING DEPARTMENT	Quality Assurance Q C DEPARTMENT	Business SALES DEPARTMENT
	Client's signature of acknowledgment:	
Project ENGINEERING DEPARTMENT	Quality Assurance Q C DEPARTMENT	Purchasing PURCHASING DEPARTMENT

※Customer confirmation sample attachment column:

Electrical technical parameters

电性能指标		Electrical Specifications	
频率范围	2400-2500MHZ	Frequency Range	2400-2500MHZ
电压驻波比	≤2.0	VSWR	≤2.0
增益	3DBI	GAIN	3DBI
输入阻抗	50 Ω	Input Impedance	50 Ω
机械指标		Mechanical Specifications	
天线颜色	白色	Antenna Color	WHITE
接口形式	IPEX	Input connector	IPEX
天线长度	340mm	Cable length	340mm
工作温度	-40°C~+85°C	Working Temperature	-40°C~+85°C
工作湿度	20~80%	Working Humidity	20~80%

产品图片;



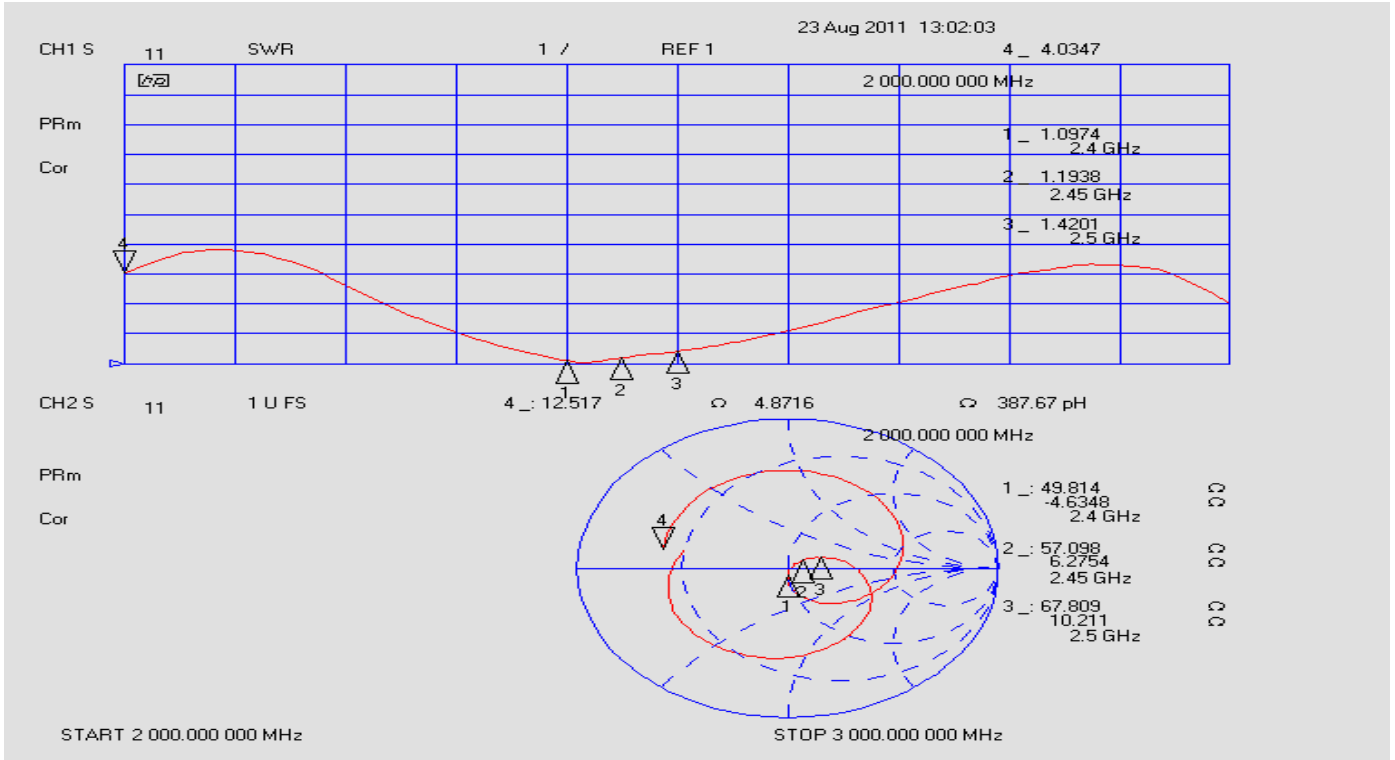
Environmental Performance Test:

project	Test Conditions	Specificati on
---------	-----------------	-------------------

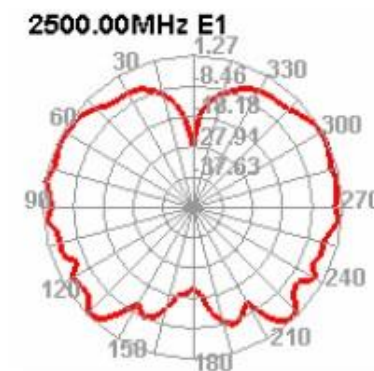
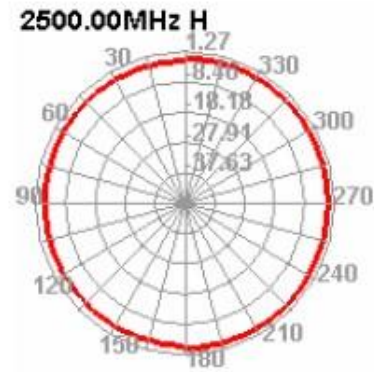
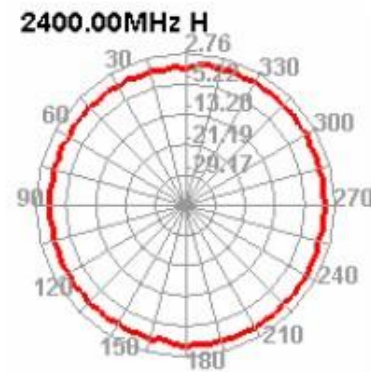


storage environment	Test the temperature, humidity, and air pressure in the absence of specification as follows: 1. The temperature is -30°C~+80°C 2. The relative humidity is 45%-85% 3. Air pressure is 86kpa-106kpa	Electrical and mechanical properties are normal
High and low temperature test	5 cycles between 70° C and 40° C, then under normal conditions 1-2H, check the appearance quality.	Dimensions shall meet the requirements and shall meet the In terms of mechanical and electrical properties
Resistance to constant humidity and heat test	Relative humidity $95 \pm 3\%$, test temperature: 40° C. After 2H continuous action, Measure the electrical properties within 5 minutes after the sample is taken out, and the sample is under normal conditions Under 1-2H, check the appearance quality	Dimensions shall meet the requirements and shall meet the In terms of mechanical and electrical properties
Vibration test	Vibration frequency range 10-55HZ, displacement amplitude: 0.35MM, acceleration amplitude: 50.0M/S, frequency sweep cycles: 30 times	Electrical and mechanical properties are normal
drop test	Free fall 3 times from a height of 1M in the direction of mutually perpendicular axes	Electrical and mechanical properties are normal

Web Analysis Test:

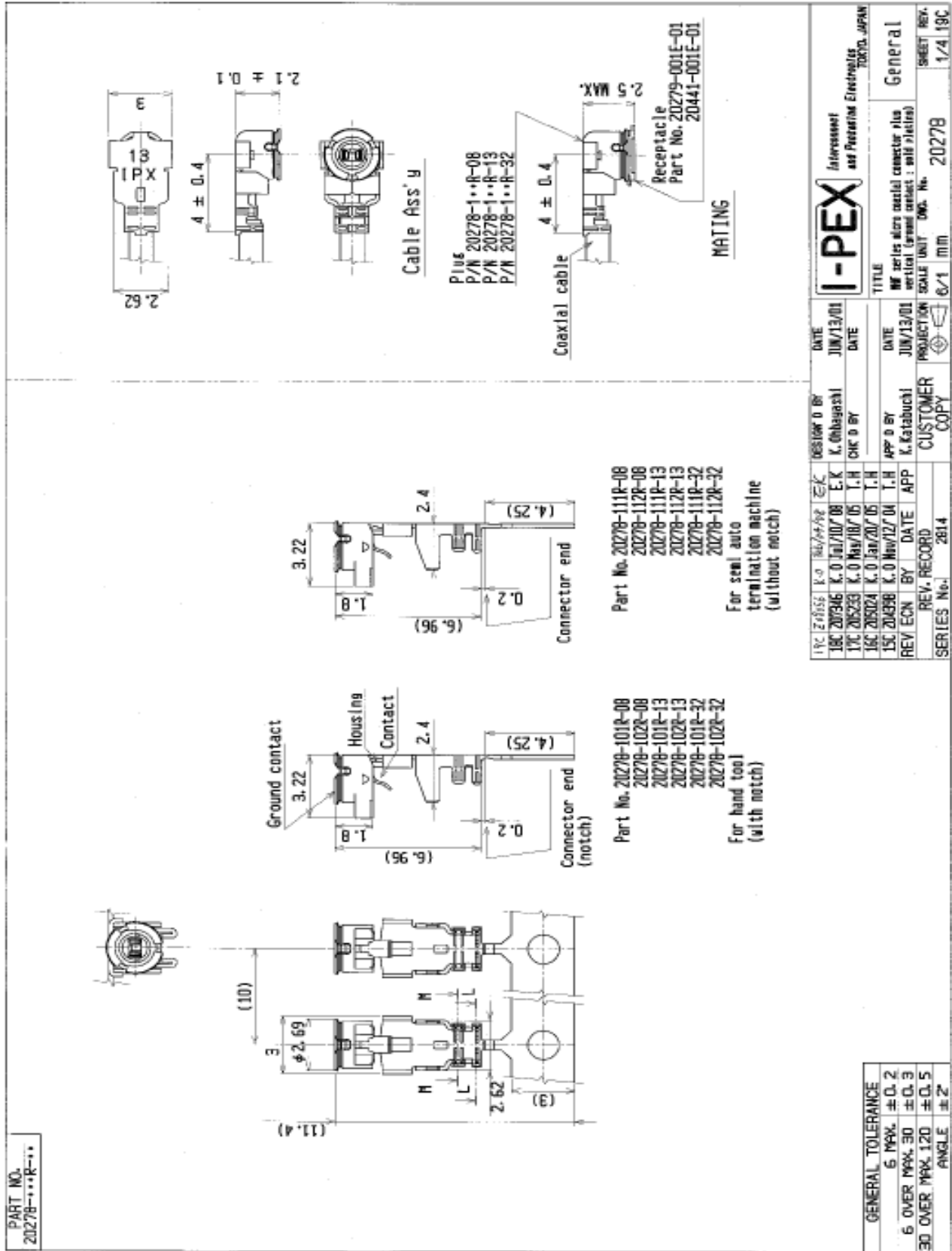


方向图:



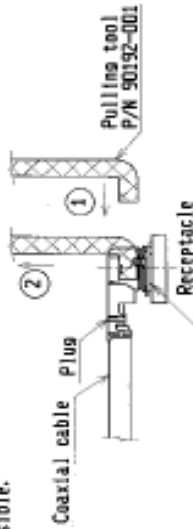
Material Data Sheet

MHF Connector

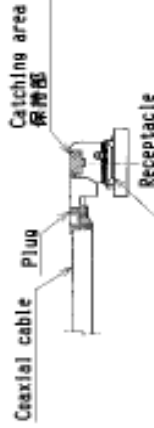


5-2 Unmating.

(1) 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.



(2) 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.



5-3 Crimp over standards of outer conductor

Standards: Less than 10% from total numbers of outer conductor
(Numbers of outer conductor's crimp over from outer conductor's barrel)

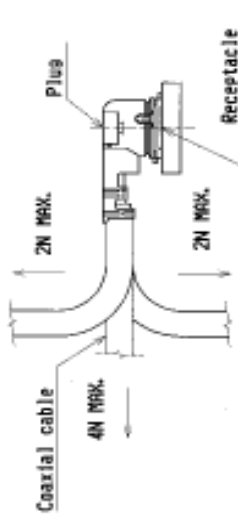
5-4 Caution about Heat shrinkage tubes

Please be careful not to melt housing when using heat shrinkage tubes.
It will become cause of open circuit.

6. This is 'Pb-free' connector.

Notes

- Material
(1) Housing : PBT, UL94V-0
(2) Contact
phosphor bronze
gold plating 0.1 μ m MIN.
over nickel 1.27 μ m MIN.
(3) Ground contact
phosphor bronze
gold plating 0.05 μ m MIN.
over nickel 1.27 μ m MIN.
- Packing : reel
- Mating partner part No.
: 20279-001E-01, 20441-001E-01
- Permissible load of cable at mating



5. Suggestions for mating & unmating operation.

5-1 Mating.
Please mate the connector straightly to vertical direction as much as possible, adjusting the mating axis of plug and receptacle.
As excessive slant angle mating may break the connector, please don't do it.

5. コネクタのめり合わせ及び取外しの注意

5-1 コネクタの挿入時
PlugとReceptacleのめり合わせを合わせ、できるだけ直線的に挿入して下さい。
めり合わせの斜角挿入はしないで下さい。
コネクタのめり合わせの斜角挿入は、取外しの際に
破損の原因となります。

5-3 外装導体はみだし量

外装導体はみだし量規定
: 外装導体ターナル本数
の10%以下
(外装導体バルーンの外径
はみだし量)

5-4 熱収縮チューブについて

熱収縮チューブで外装導体
を覆う場合は、導体不良の
原因になり得るため、熱収
縮チューブを挿入する際、
いよつ注意してください。

6. コネクタは 'Pb-free'
である

		DESIGN BY		DATE
		CHK'D BY	DATE	
REV. EGN	BY	DATE	APP	PROJECTION
REV. RECORD	CUSTOMER COPY			
SERIES No.	2814			
TITLE		I-PEX series slotted coaxial connector plug vertical (ground contact, sold plating)		
SCALE		UNIT	ENG. No.	20278
SHEET		REV.	4/4 19C	
Jeterasheet and Partnering Electrodes TOKYO, JAPAN		General		