

承认书

APPROVAL

版本: A1

客 户
XYSTOME:

ClearOne Inc

品 名 规 格
DESCRIPTION:

2.4G 2.1DBIPEX

料 号
PART NO.:

GDT030-0004

客 户 料 号
CUS PART NO.:

910-3200-501

日 期
D A T E:

2016.5-2

呈样签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT
田宏亮	田青	黄德意

客户承认签章

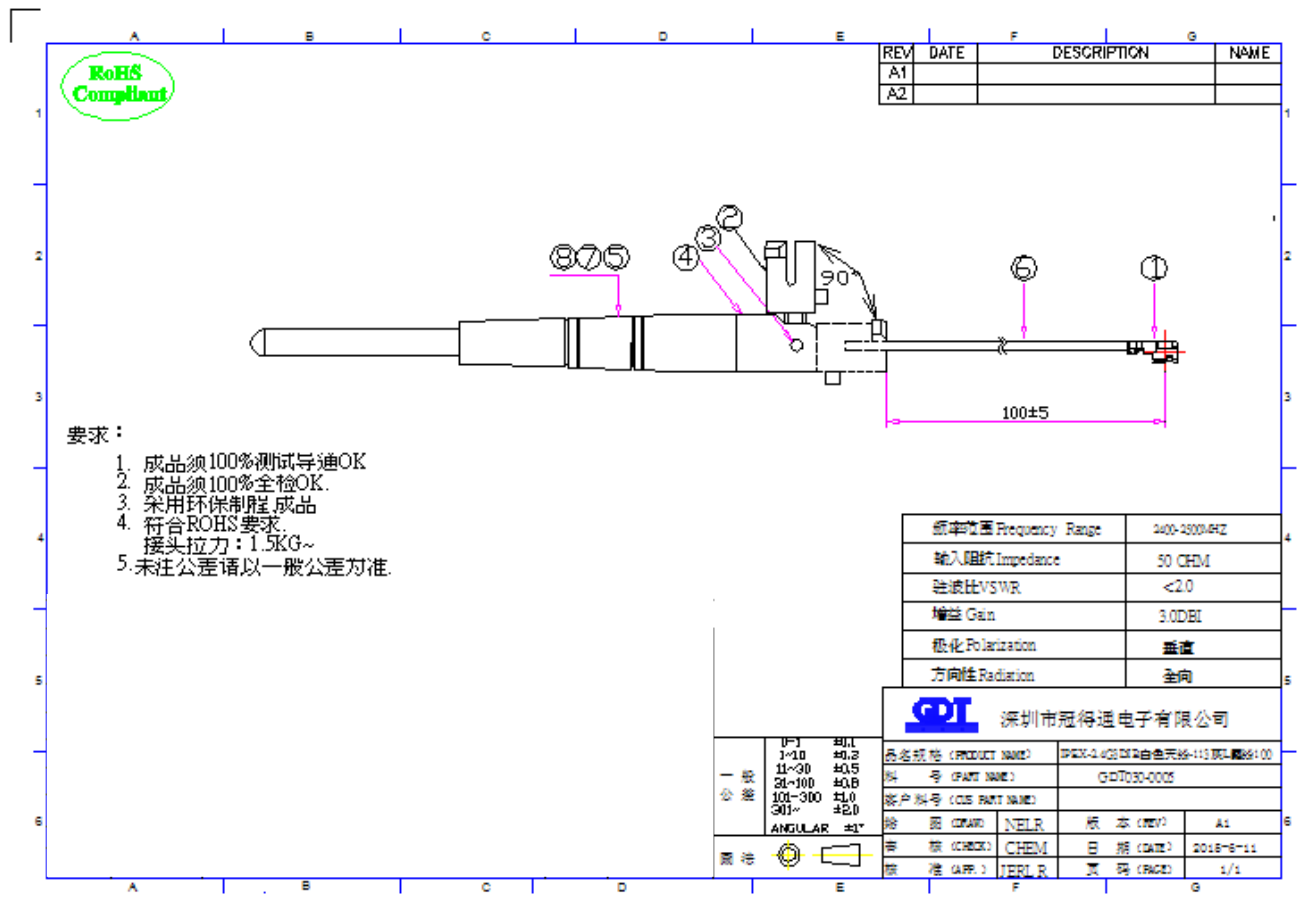
工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

※ 客户确认样品附意栏:

电器技术参数

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	2.1DBI	GAIN	2.1 DBI
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	100mm	Cable length	100mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

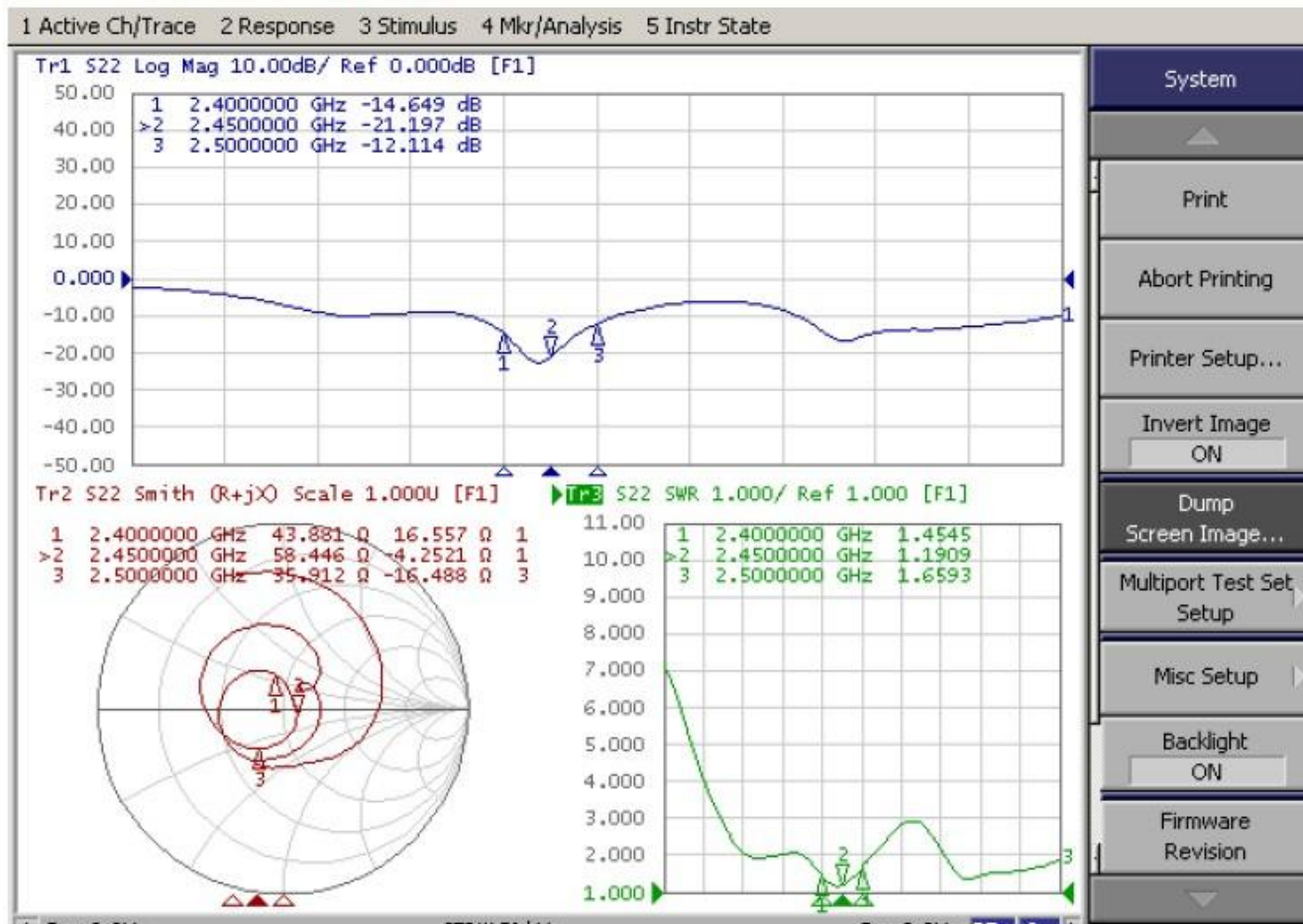
产品图片;



环境性能测试:

项目	测试条件	规格
储存环境	在没有指定的情况下测试温度、湿度、气压如下: 1. 温度为-30℃~+80℃ 2. 相对湿度为45%-85% 3. 气压为86kpa-106kpa	电气机械性能正常
高低温试验	在70℃与40℃之间进行5次循环, 然后在正常条件下1-2H, 检查外观质量。	尺寸应满足规定并应满足满足于机械、电气性能
耐恒定湿热试验	相对湿度95±3%, 试验温度: 40℃. 持续2H作用后, 试品取出后5min之内测定电气性能, 试品在正常条件下1-2H, 检查外观质量	尺寸应满足规定并应满足满足于机械、电气性能
振动试验	振频范围10-55HZ, 位移幅值: 0.35MM, 加速度幅值: 50.0M/S, 扫频循环次数: 30次	电气机械性能正常
跌落试验	1M高空按照互相垂直的轴方向自由跌落3次	电气机械性能正常

3.1: 网络分析仪测试报告



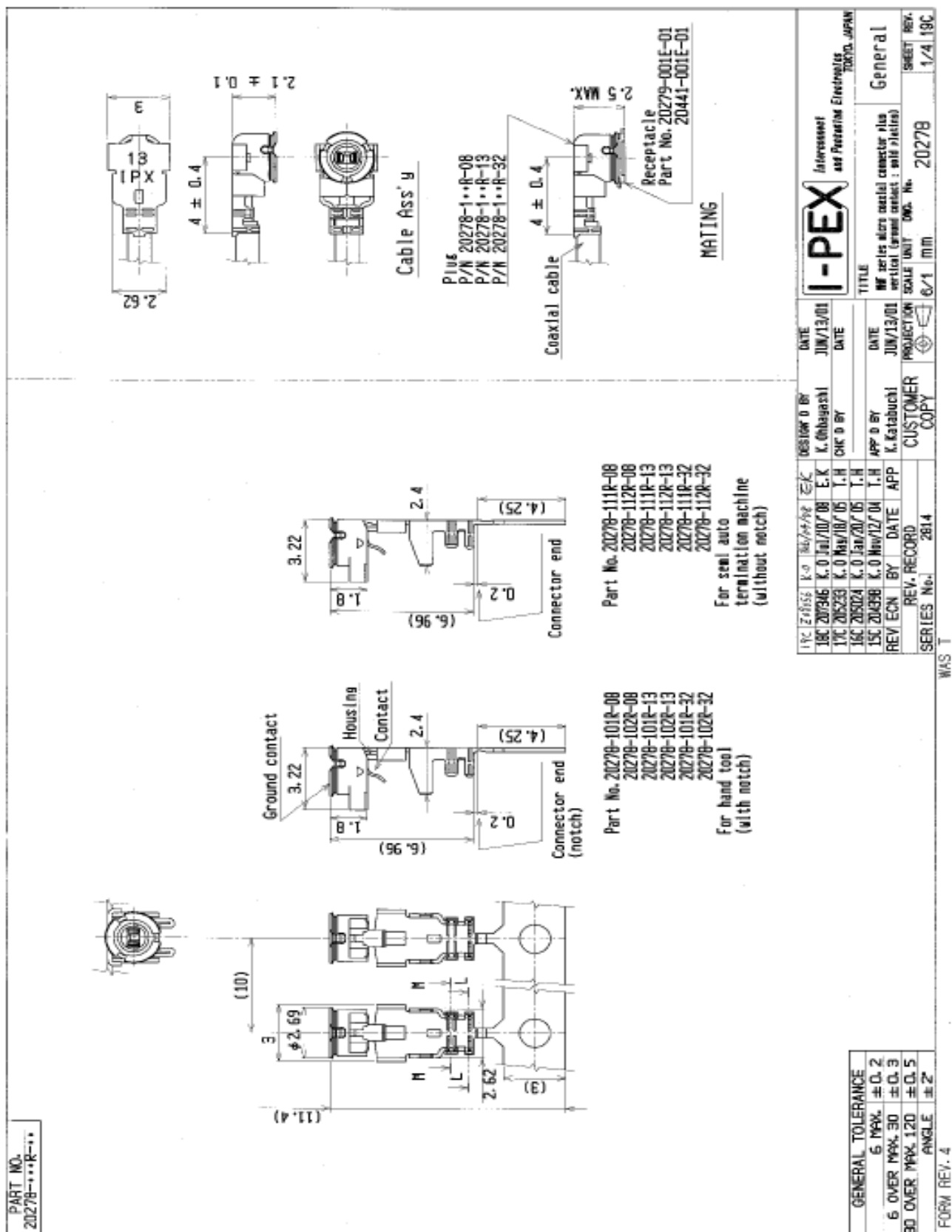
3.2: 暗室 2D、3DRaditation Pattern



TEL: +86 0755-88298396 FAX: +86 755 88298399 MOBILE: 13128812591

Material Data Sheet

MHF Connector



Part No. of non halogen free type	2027B-101R-00 2027B-111R-00	2027B-101R-13 2027B-111R-13	2027B-101R-32 2027B-111R-32	2027B-101R-18 2027B-111R-18
Part No. of halogen free type	2027B-102R-00 2027B-112R-00	2027B-102R-13 2027B-112R-13	2027B-102R-32 2027B-112R-32	2027B-102R-18 2027B-112R-18
Housing color	White	Black	Black	White
Applicable cable nominal dimension	 φ0.81 Nominal Dielectric core φ0.4 Inner conductor φ0.4 Silver plating 0.05mm	 φ1.13 Nominal φ0.93 Nominal φ0.68 0.08mm	 φ1.32 Nominal φ1.12 Nominal φ0.66 0.08mm	 φ1.8 Nominal φ1.35 Nominal φ0.84 0.102mm
Jacket	 Crimp Height L Cable cut length			
Braided shield of outer conductor 外部導体の編組	Single / 1層編組	Single / 1層編組	Double / 2層編組	Single / 1層編組
P/N of hand Tool	90187-008C	90187-013C	90187-032C	90233-018
P/N of steel auto termination machine	90213-008C	90213-013C	90213-032C	90232-018
Sect. M-M	 1.68 1.12	 2.24 1.48	 2.29 1.56	 2.71 1.9
Sect. L-L	 1.72 1.19	 2.28 1.55	 2.37 1.71	 3.1 2.26
Crimp Height	CH-1 1.34~1.40 CH-2 0.76~0.84 CH-3 0.85~0.97	1.34~1.40 1.06~1.14 1.15~1.35	1.34~1.40 1.20~1.30 1.26~1.46	1.34~1.40 1.41~1.49 1.70~1.80

NOTE-1
中心導体、外部導体への半田コタツは不可
Must not use solder coated
Inner conductor and outer conductor.

I-PEX		Interconnect and Protective Electroplating TOKYO APON	
TITLE	General	SHEET REV.	3/4 19C
NF series silver coated connector plus vertical (gold contact : sold plating)		DWG. No.	2027B
SCALE	UNIT	mm	
PROJECTION			
CUSTOMER COPY			
REV. ECD BY DATE APP			
REV. RECORD			
SERIES No.	2814		
DESIGN D BY	DATE		
CHK D BY	DATE		
APP D BY	DATE		

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.

1. Material

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

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.

5-4 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.

5-1 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.

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.

1-PEX

Interconnect and Passive Electronics TOKYO, JAPAN

DESIGN BY DATE
CHK BY DATE
APP BY DATE

REV. ECH BY DATE APP
REV. RECORD

SERIES No. 2814

General

HF series ultra coaxial connector plug vertical (ground contact : solid plating)

SCALE UNIT DIM. No. 20278

4/4 19C

GENERAL TOLERANCE

6 MAX. ±0.2
6 OVER MAX. 30 ±0.3
30 OVER MAX. 120 ±0.5

ANGLE ±2°

FORM REV. 4