



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107

FAX: +86 0755-28694967

承认书 APPROVAL

版本: A1

客 户
CUSTOMER:

品 名 规 格
DESCRIPTION: 5.8G 5DB white blade antenna out 150MM

料 号
PART NO.: YS030-00S4

客 户 料 号
CUS PART NO.:

日 期
D A T E: 2024-4-12

呈样签章:

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章 :

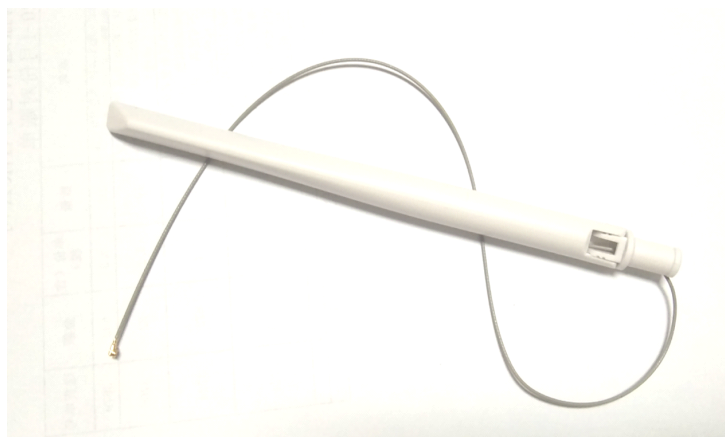
工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

※ 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	5800MHZ	Frequency Range	5800MHZ
电压驻波比	≤2.5	VSWR	≤2.5
增益	5DBI	GAIN	5DBI
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	150mm	Cable length	150mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

Product picture:mm





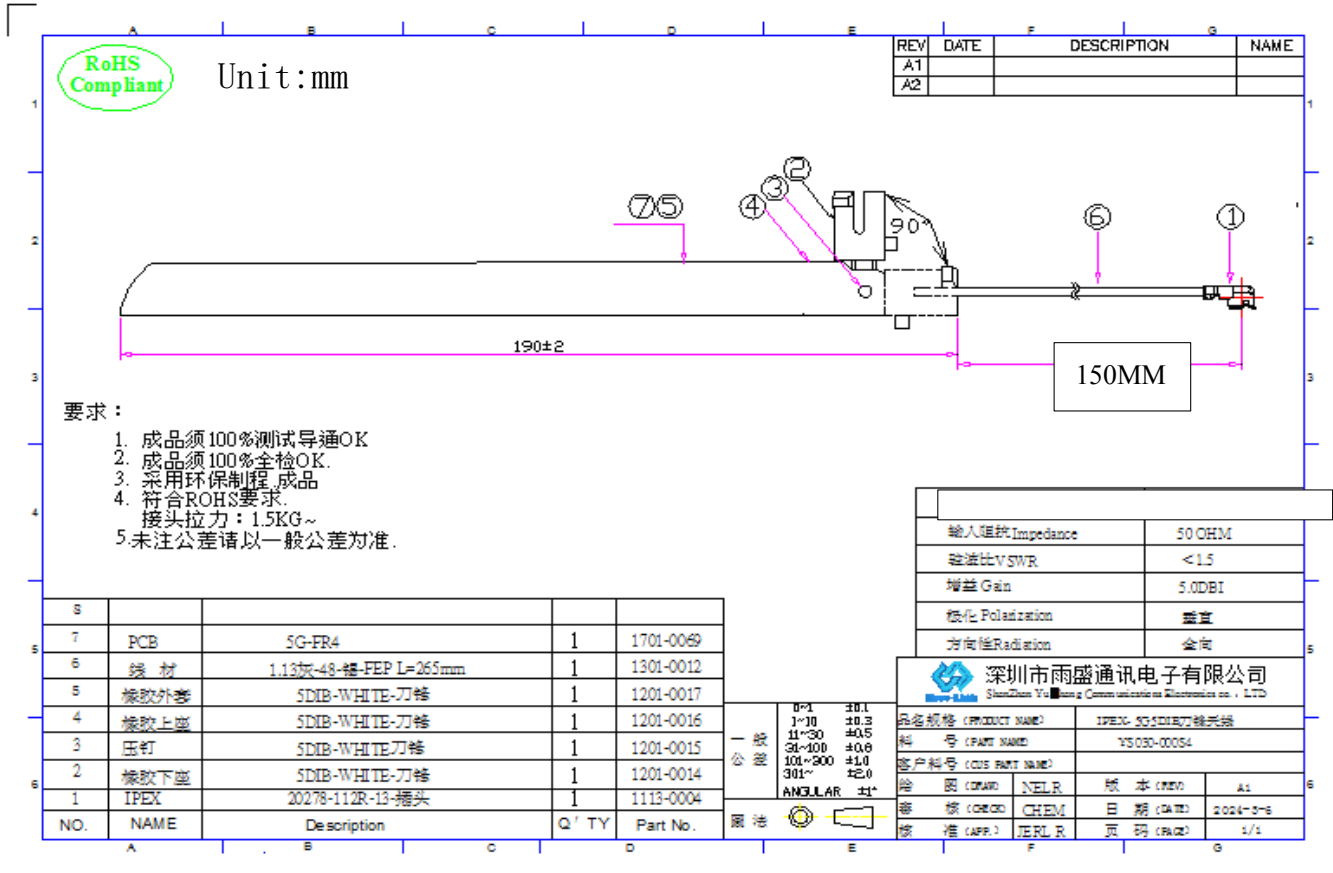
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Dimension drawing



Environmental performance testing

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

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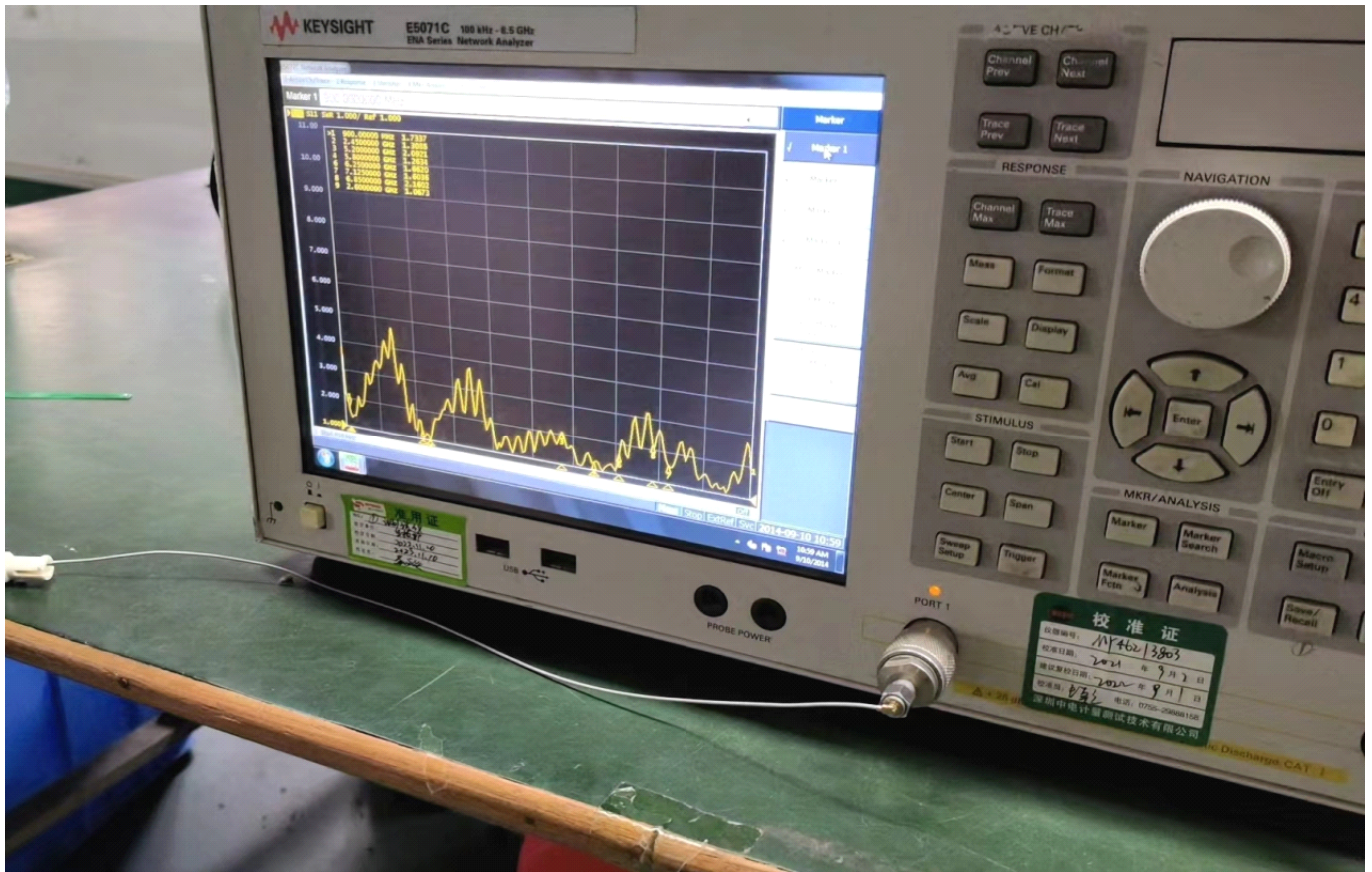
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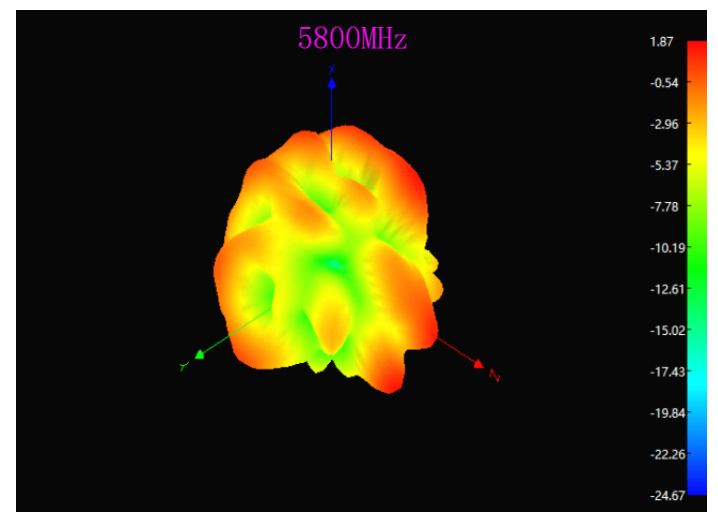
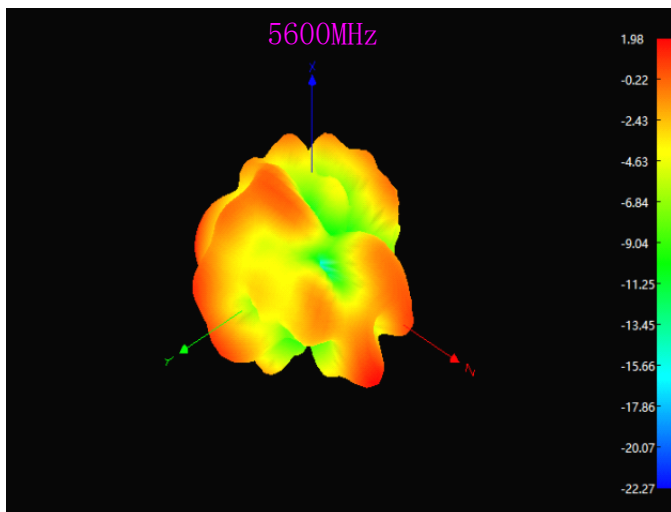
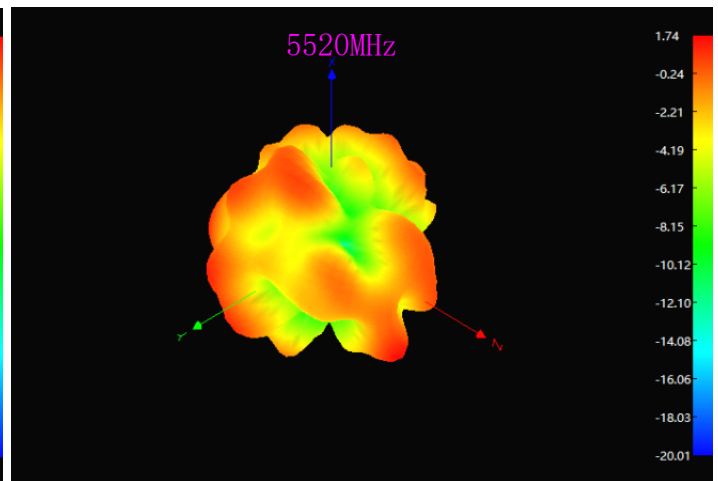
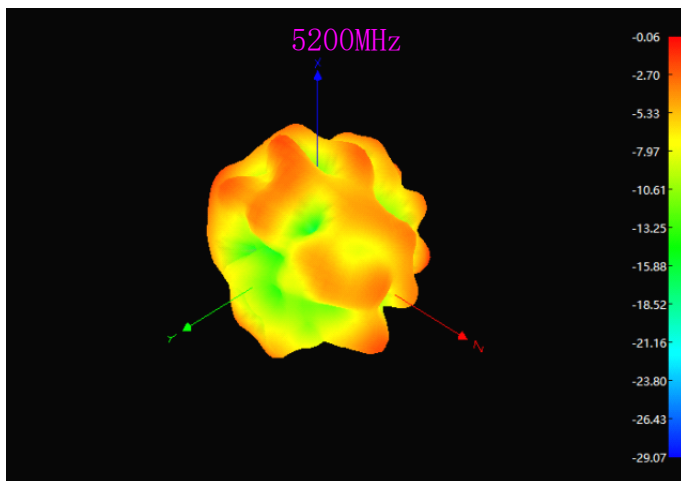
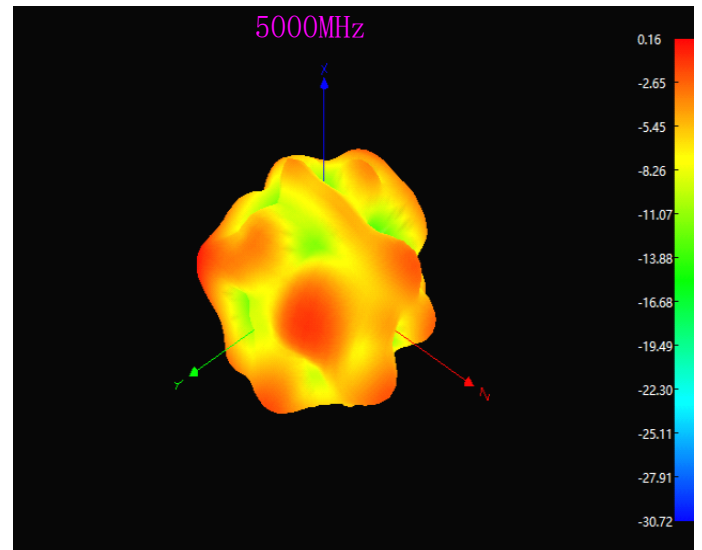
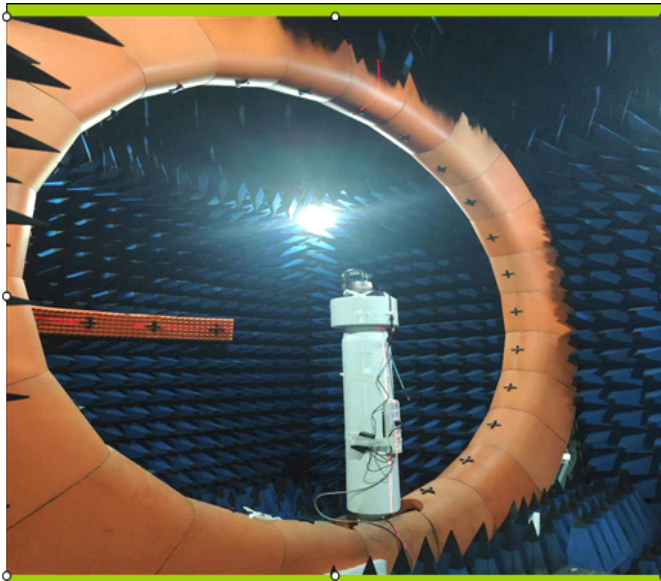
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Network analysis Test:



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Gain Test:





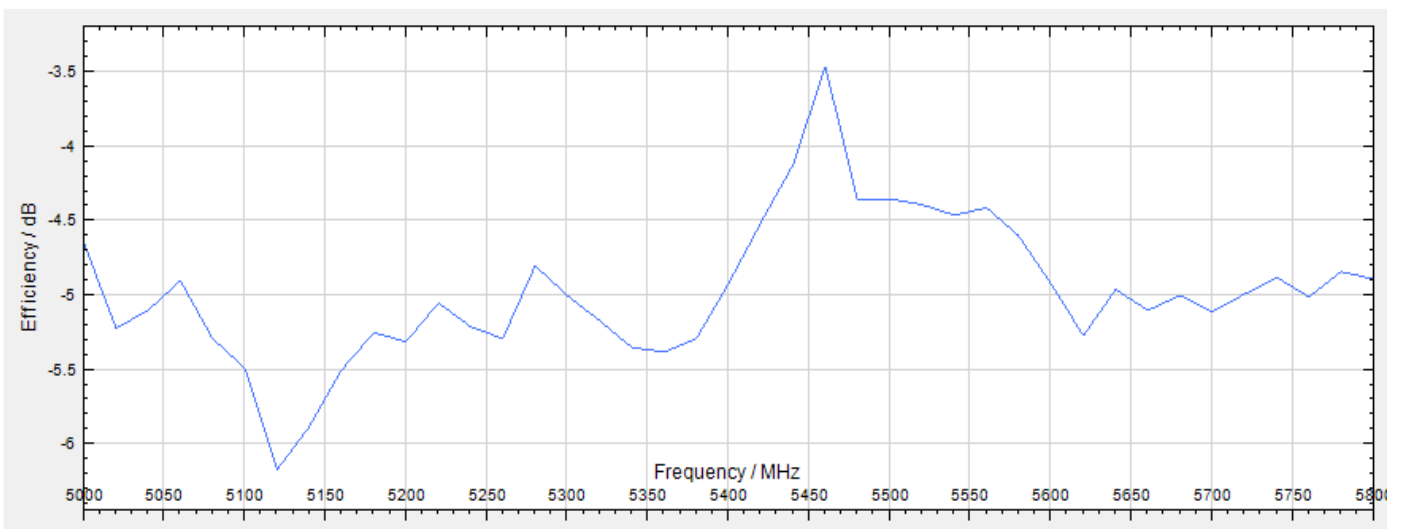
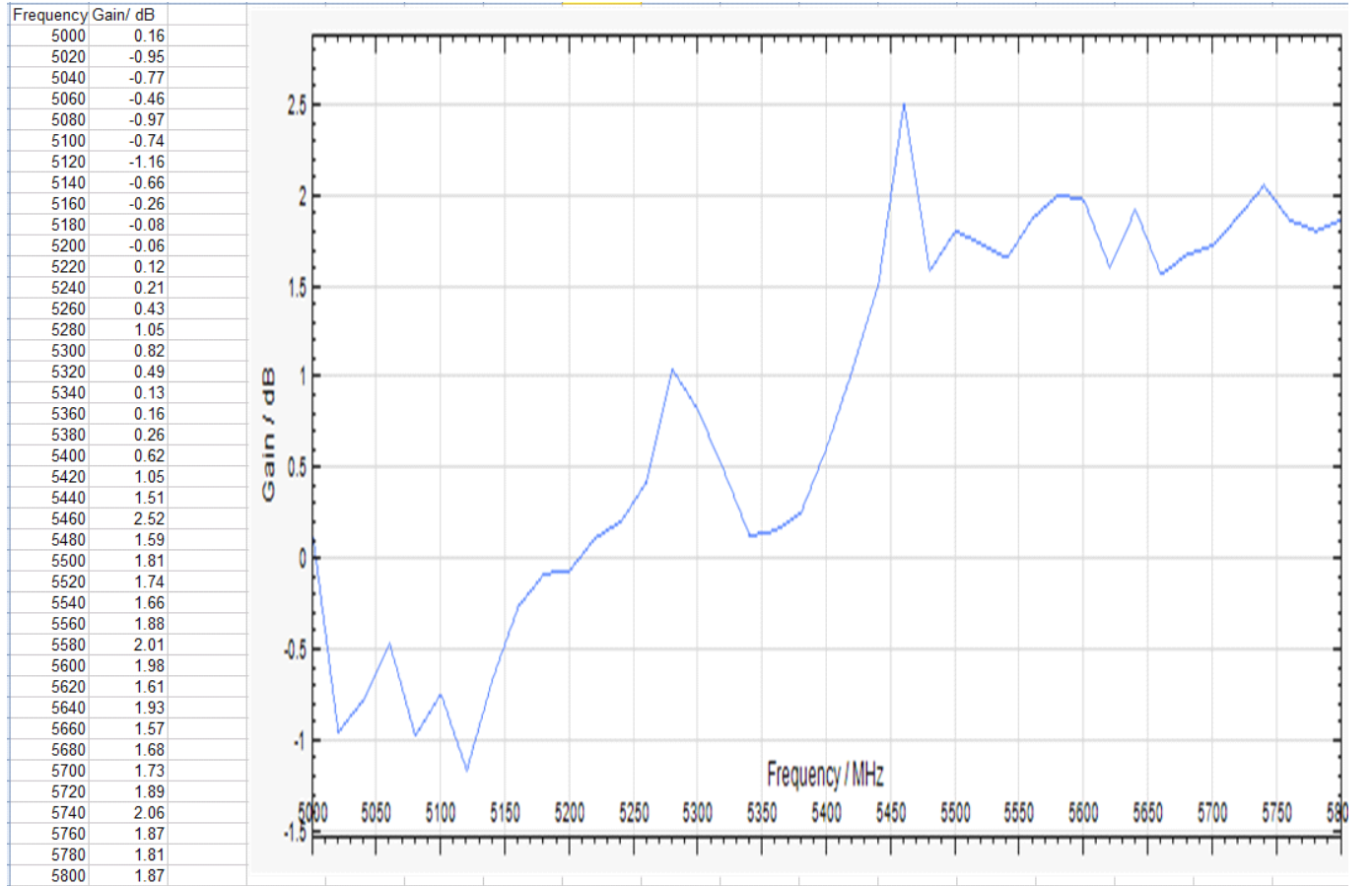
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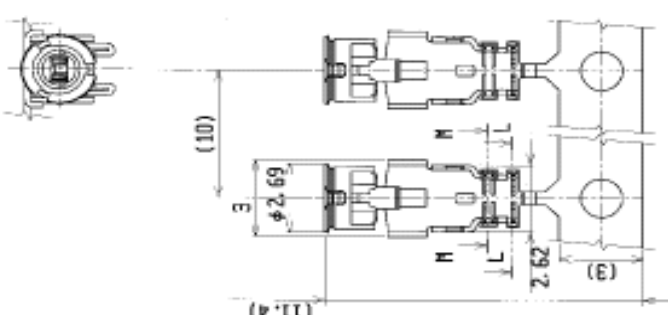
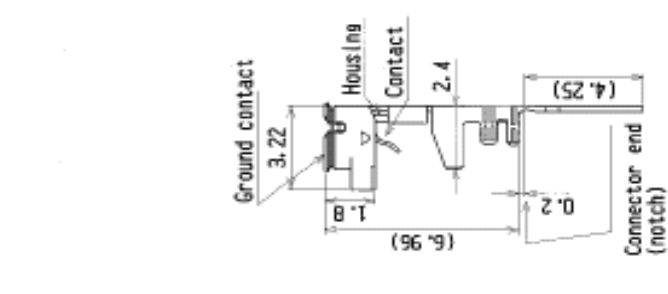
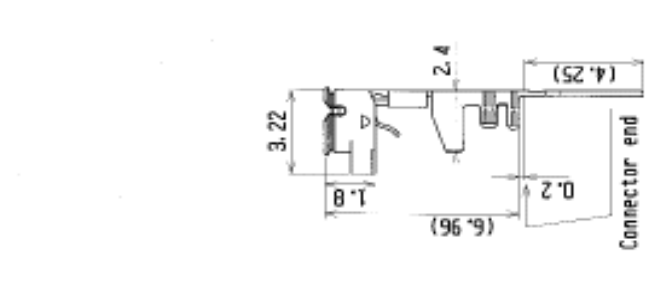
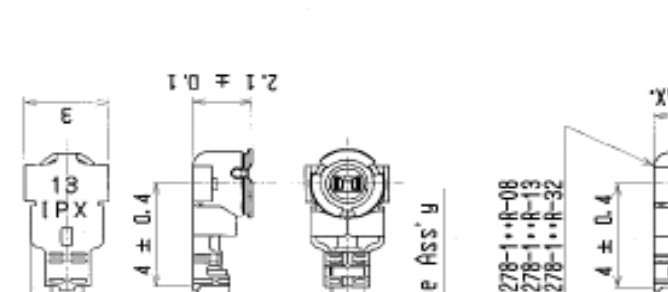
GAIN: ANT1/ANT2



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Material Data Sheet

MHF Connector

PART NO. 20278-111R-08		 Ground contact Housing Contact Connector end (notch)	 Connector end	 Cable Ass'y	 MATING	Plus P/N 20278-111R-08 P/N 20278-111R-13 P/N 20278-111R-32 Receptacle Part No. 20279-001E-01 20441-001E-01	Part No. 20278-111R-08 20278-112R-08 20278-111R-13 20278-112R-13 20278-111R-32 20278-112R-32 For seal auto termination machine (without notch)	Part No. 20278-101R-08 20278-102R-08 20278-101R-13 20278-102R-13 20278-101R-32 20278-102R-32 For hand tool (with notch)	Part No. 20278-111R-08 20278-112R-08 20278-111R-13 20278-112R-13 20278-111R-32 20278-112R-32 For seal auto termination machine (without notch)	Part No. 20278-111R-08 20278-112R-08 20278-111R-13 20278-112R-13 20278-111R-32 20278-112R-32 For seal auto termination machine (without notch)	Part No. 20278-111R-08 20278-112R-08 20278-111R-13 20278-112R-13 20278-111R-32 20278-112R-32 For seal auto termination machine (without notch)	GENERAL TOLERANCE 6 MAX. ± 0.2 6 OVER MAX. 30 ± 0.3 30 OVER MAX. 120 ± 0.5 ANGLE ± 2°	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814	DESIGN BY DATE CHK BY DATE APP BY DATE REV. RECORD SERIES No. 2814
		20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08	20278-111R-08

Part No. of non halogen free type		20278-101R-08	20278-111R-08	20278-101R-13	20278-111R-13	20278-101R-32	20278-111R-32	20278-101R-18	20278-111R-18
Part No. of halogen free type		20278-102R-08	20278-112R-08	20278-102R-13	20278-112R-13	20278-102R-32	20278-112R-32	20278-102R-18	20278-112R-18
Housing color		White	White	Black	Black	Black	Black	White	White
Applicable cable nominal dimension		2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1
Jacket		Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating
Dielectric core		Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating
Braid shield of Outer conductor		Single / 1層構造	Single / 1層構造	Single / 1層構造	Single / 1層構造	Double / 2層構造	Double / 2層構造	Single / 1層構造	Single / 1層構造
P/N of hand Tool		90187-008C	90187-013C	90187-032C	90232-018	90187-008C	90187-013C	90187-032C	90232-018
Sect. M-M		1.68	1.12	1.68	1.12	1.68	1.12	1.68	1.12
Sect. L-L		1.72	1.19	1.72	1.19	1.72	1.19	1.72	1.19
Crimp Height		CH-1 CH-2 CH-3	1.34~1.40 0.76~0.84 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	1.34~1.40 1.41~1.49 1.70~1.80	1.34~1.40 1.41~1.49 1.70~1.80	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ティングは不可
Must not use solder coated
Inner conductor and outer conductor.

CUSTOMER COPY		DATE	DATE	DATE
REV ECH	BY	DATE	APP	
REV. RECORD				
SERIES No.	2814			
CUSTOMER				
INSPECTION				
SCALE	UNIT	mm		
DWG. No.	20278			
SHEET	REV.	3/4	19C	
General				

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