
產 品 規 格 承 認 書
SPECIFICATION FOR APPROVAL

Customer : 英業達股份有限公司

Vendor code : 234764

MACHINERT: ACEP 13

PART NAME : ACEP 13 WLAN ANTENNA

Customer P/N : 6036B0287401

Pulse P/N : ANTA0ZV1420124551 Date : 20221101

SPECIFICATION			
ACCEPTED BY:			
核准	審 核	承認者	承認單位

審 核	作 成
Yen	Ellen

新加坡商普思電子有限公司
PULSE ELECTRONICS (SINGAPORE) PTE LTD
No. 99 Huo Ju Road, Suzhou New District Jiangsu
Province, suzhou 215009, P.R. China

ACeP13

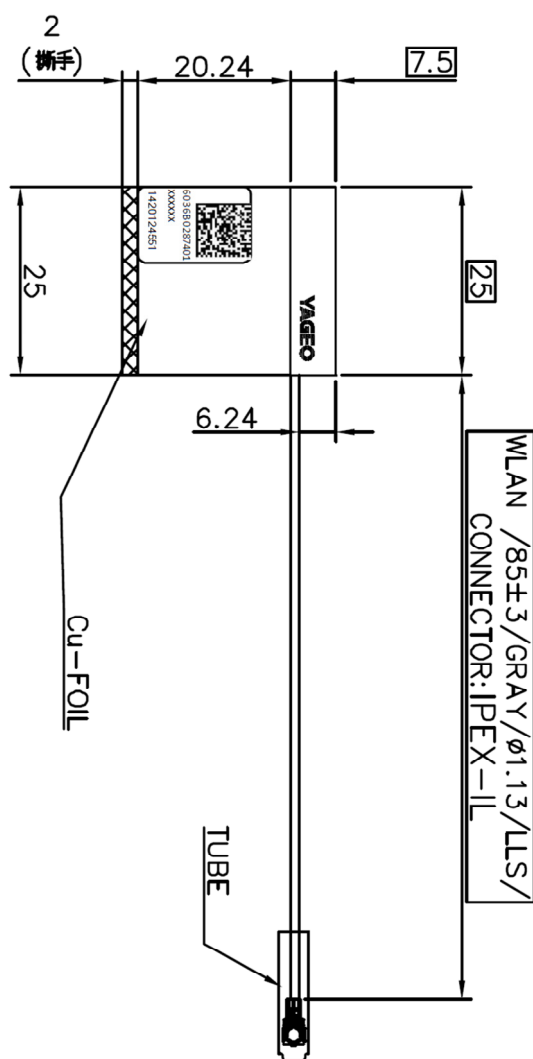
Description:

2400 ~ 2500 / 5150 ~ 5850

FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

INVENTEC P/N: 6036B0287401



Features:

- WLAN Antenna
- 2.4~2.5 GHz, 5.15-5.85 GHz,
- Gain 2.7~ 3.97 dBi peak
- Size 27.74x25x6.1 mm
- 1.13mm cable with IPEX-1L
- RoHS Compliant

Applications:

- 廣告刊版

All dimensions are in mm / inches

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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For more information:

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15255 Innovation Drive #100
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Tel: 1-858-674-8100

Pulse/Larsen Antennas
18110 SE 34th St Bldg 2 Suite 250
Vancouver, WA 98683
USA
Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Co, KG
Zeppelinstrasse 15
Herrenberg, Germany
Tel: 49 7032 7806 0

Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road (#29 Bldg, 4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998

RoHS
COMPLIANT

ACeP13

Description:
2400 ~ 2500 / 5150 ~ 5850
FPC+Holder Antenna
PART NUMBER: ANTA0ZV1420124551
INVENTEC P/N: 6036B0287401

ELECTRICAL SPECIFICATIONS

Antenna Type	PIFA
Frequency	2.4-2.5GHz, 5.15-5.85GHz
Nominal Impedance	50 Ω
VSWR	≤3.0
Radiation Pattern	Omni
Gain	2.70 ~ 3.97 dBi
Polarization	Linear
Power Withstanding	1W

MECHANICAL SPECIFICATIONS

Overall Length	27.74x25x6.1mm
Antenna Color / Material	Black/ FPC
Connector type	See table, P3
Cable type	Material:FEP ,See table, P3
Cable length	See table, P3
Adhesive tape	HSDS15
Protective tube	Color : Yellow

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 ~ +55°C
Storage Temperature	-40 ~ +75°C
RoHS Compliant	Yes

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Description:

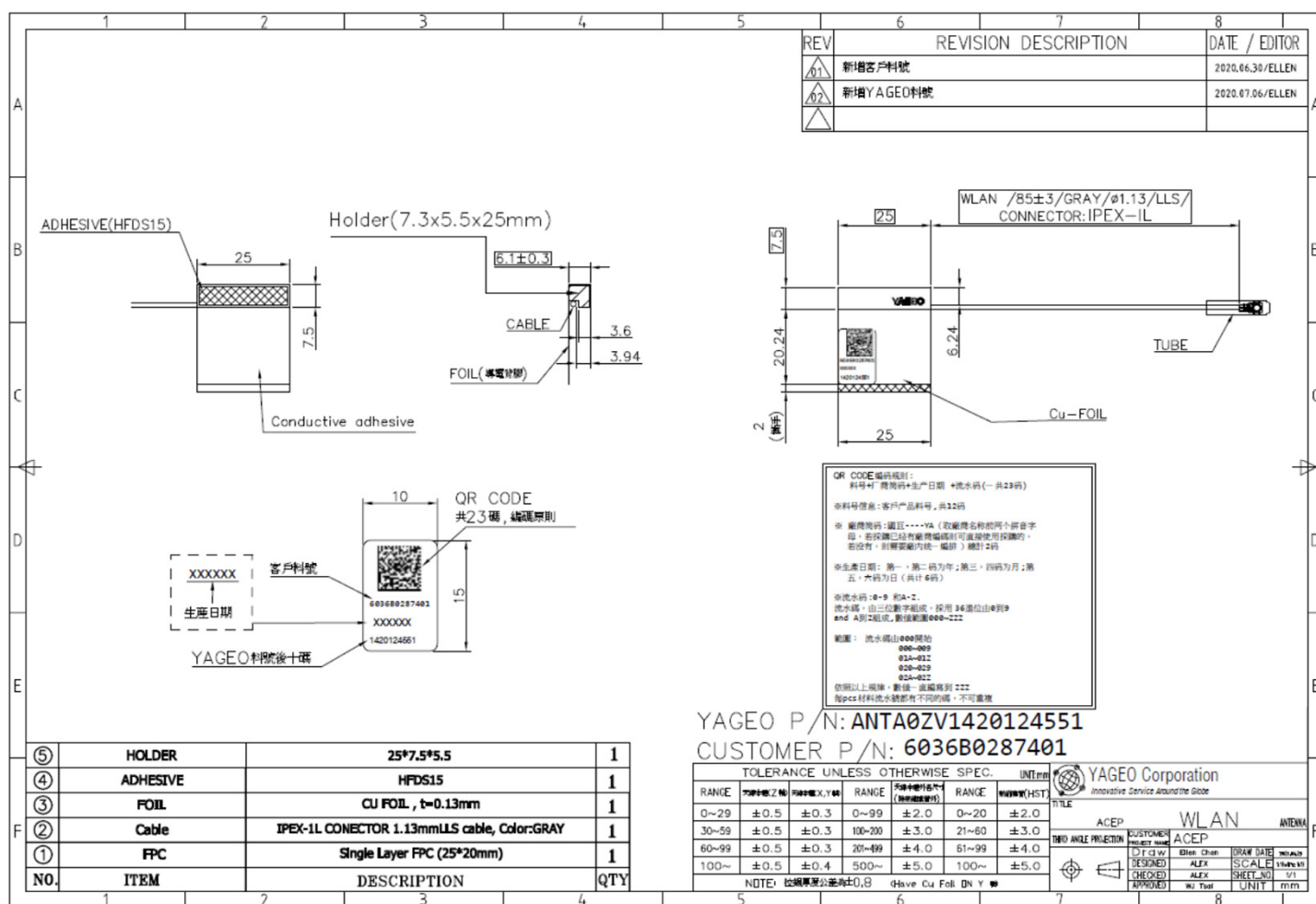
2400 ~ 2500 / 5150 ~ 5850

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MECHANICAL DRAWING



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RoHS

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Description:

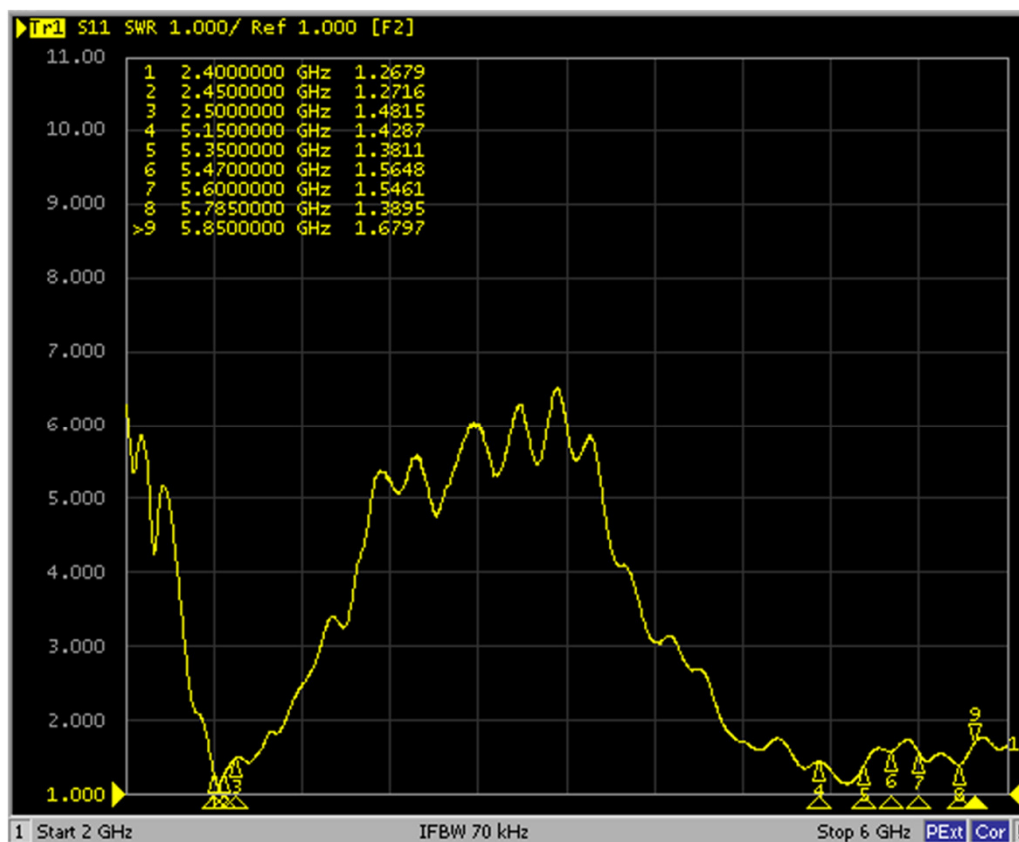
2400 ~ 2500 / 5150 ~ 5850

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VSWR



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Description:
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FPC+Holder Antenna
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INVENTEC P/N: 6036B0287401

Peak-Gain and Average-Gain

Antenna/ Band / Frequency			Test Date	
			Free Space	
			Gain	Peak Gain
1st WLAN	2.4GHz	2400	-3.45	2.77
		2450	-3.30	2.81
		2500	-3.83	2.70
	5GHz	5150	-2.06	3.25
		5250	-2.32	3.25
		5350	-2.01	3.49
		5470	-2.37	3.73
		5600	-3.00	2.96
		5725	-2.85	3.44
		5785	-2.47	3.97
		5850	-2.73	3.92

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ACeP13

Description:

2400 ~ 2500 / 5150 ~ 5850

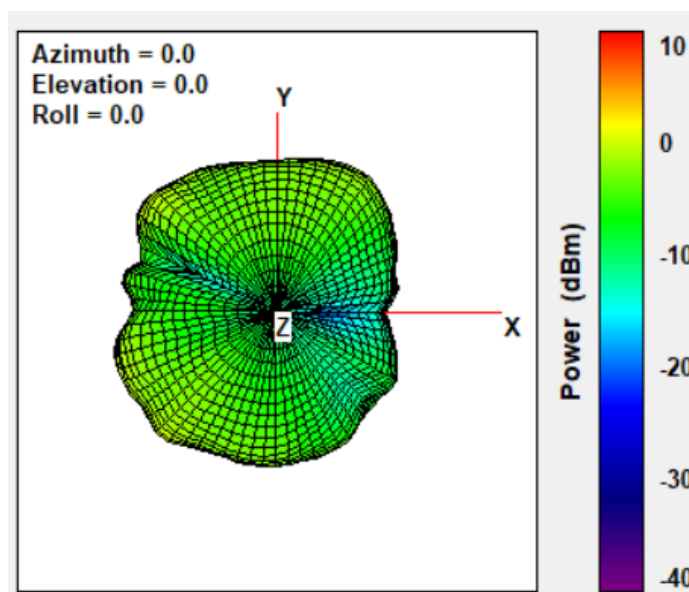
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

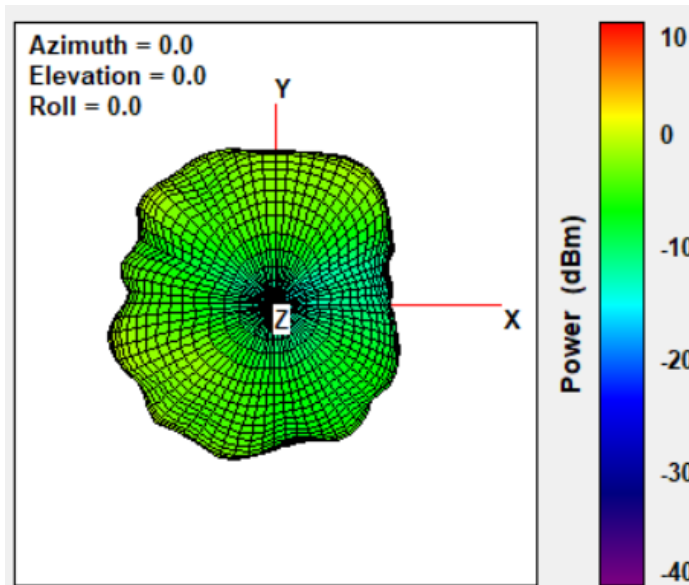
INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna (2400MHz)



Radiation Pattern of WLAN Antenna (2450MHz)



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Description:

2400 ~ 2500 / 5150 ~ 5850

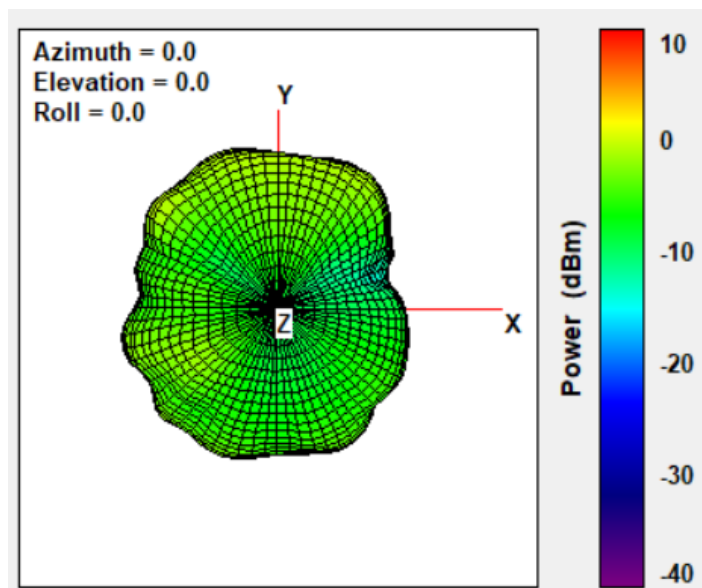
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

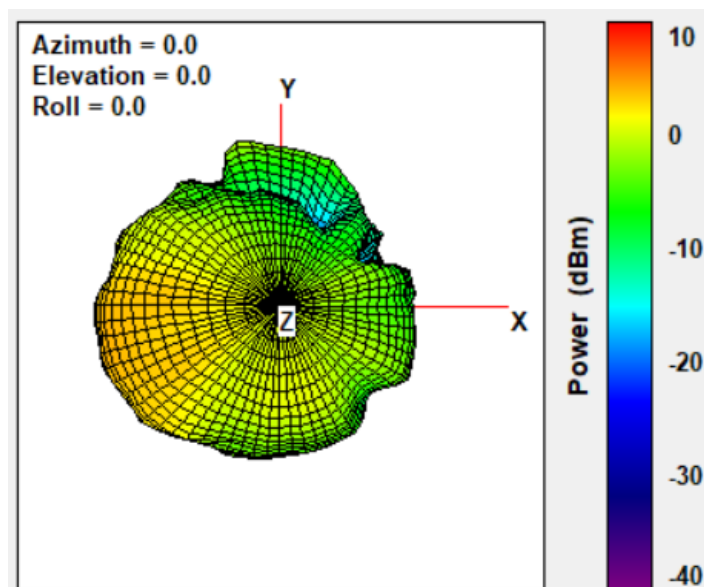
INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna (2500MHz)



Radiation Pattern of WLAN Antenna (5150MHz)



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ACeP13

Description:

2400 ~ 2500 / 5150 ~ 5850

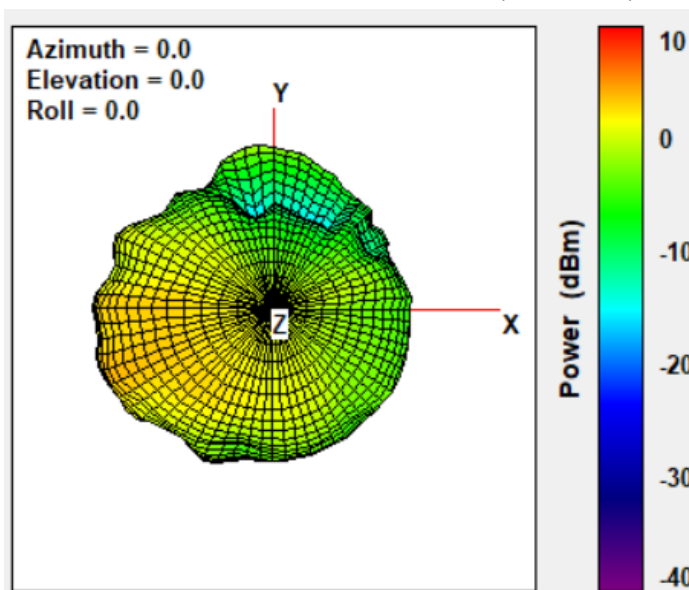
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

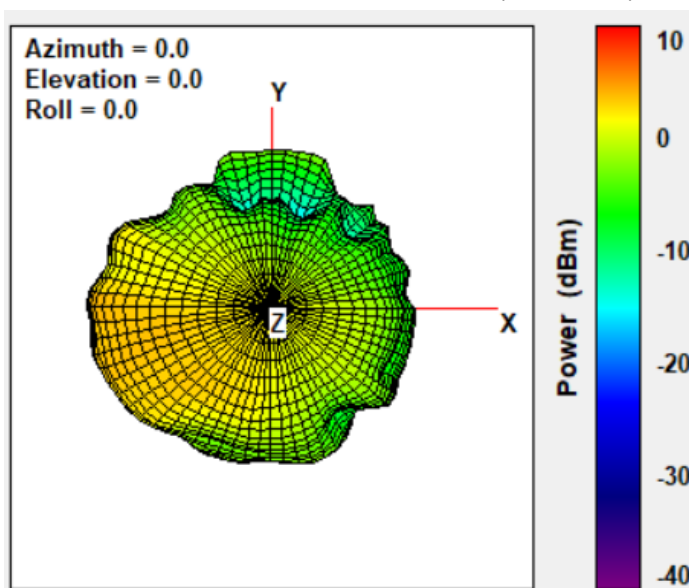
INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna (5250MHz)



Radiation Pattern of WLAN Antenna (5350MHz)



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ACeP13

Description:

2400 ~ 2500 / 5150 ~ 5850

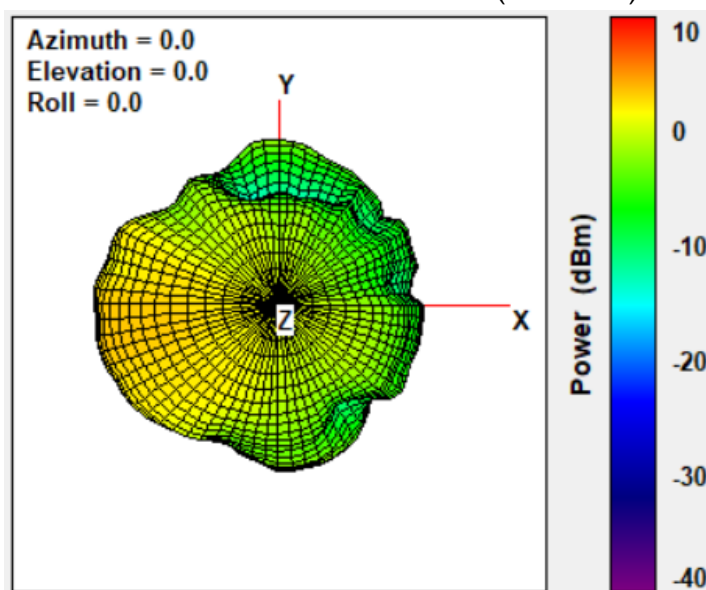
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

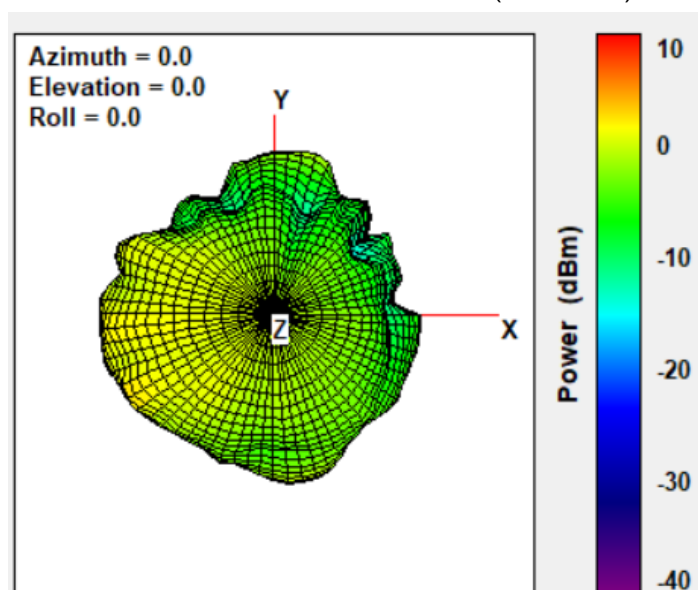
INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna (5470MHz)



Radiation Pattern of WLAN Antenna (5600MHz)



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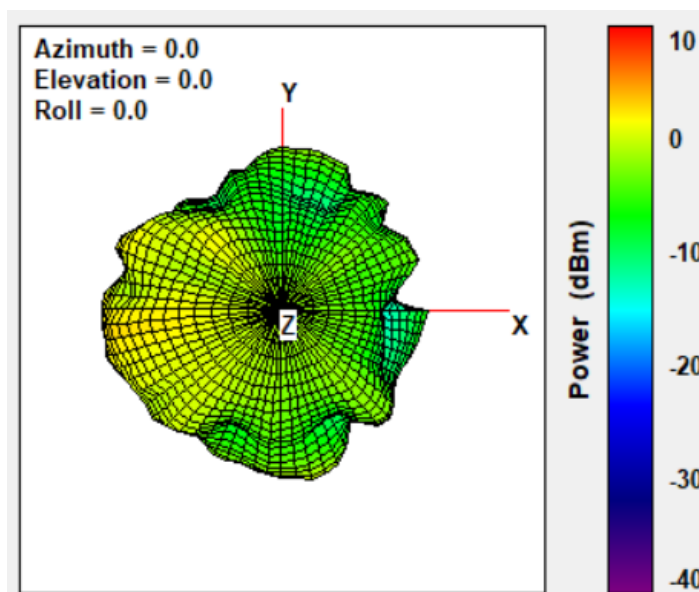
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

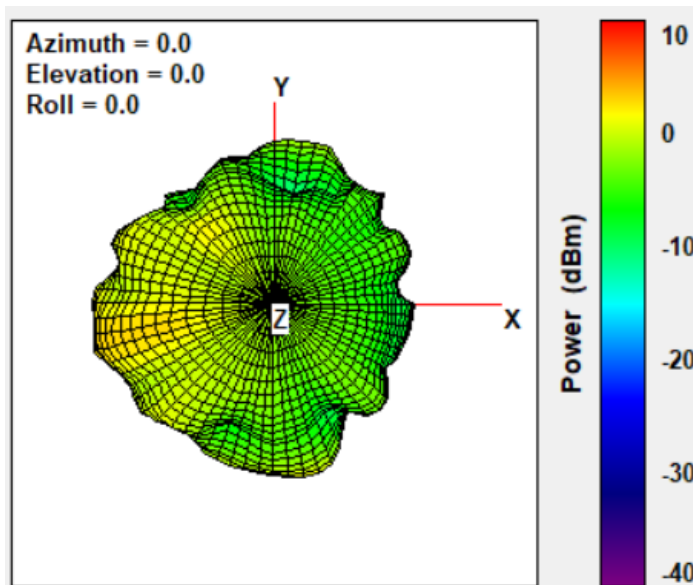
INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna (5725MHz)



Radiation Pattern of WLAN Antenna (5785MHz)



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Description:

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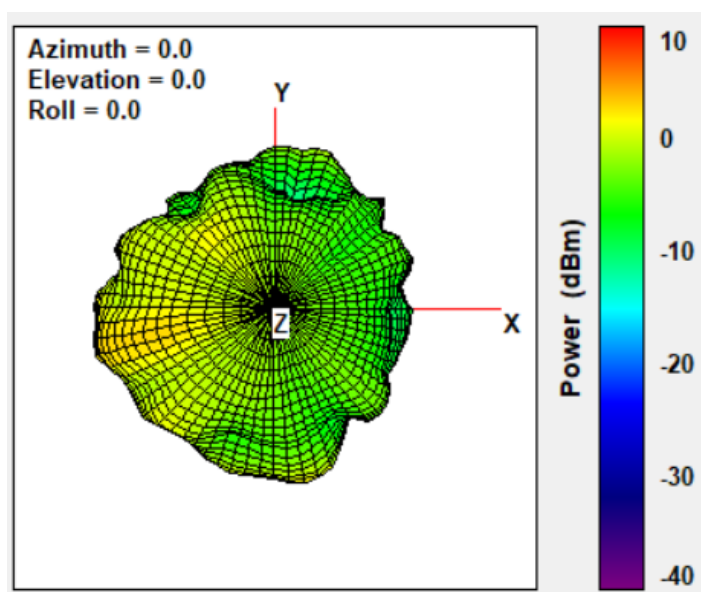
FPC+Holder Antenna

PART NUMBER: ANTA0ZV1420124551

INVENTEC P/N: 6036B0287401

CHARTS

Radiation Pattern of WLAN Antenna(5850MHz)



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CERTIFICATE OF COMPLIANCE

Certificate Number E467827
Report Reference E467827-2022-07-22
Date 2022-July-27

Issued to: NANCHANG ZHENGYE TECHNOLOGY CO.,LTD
No.16 Industrial Road,Wengang Town,Jinxian County
Nanchang Jiangxi 331722 CN

**This is to certify that
representative samples of**

POLYMERIC MATERIALS - FILAMENT-WOUND TUBING,
INDUSTRIAL LAMINATES, VULCANIZED FIBER, AND
MATERIALS FOR USE IN FABRICATING RECOGNIZED
PRINTED WIRING BOARDS - COMPONENT

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

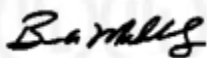
Standard(s) for Safety: See Addendum Page for Standards

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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CERTIFICATE OF COMPLIANCE

Certificate Number E467827
Report Reference E467827-2022-07-22
Date 2022-July-27

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

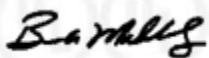
Models:

Flexible Base Materials with or without copper on one or both sides furnished in sheets or rolls, with Flammability only Recognition for Grade Designations

Base Material Grade
ZYF

Standards:

UL746F - Standard for Safety for Polymeric Materials – Flexible Dielectric Film Materials for Use in Printed-Wiring Boards and Flexible Materials Interconnect Constructions



Bruce Mahrenholz, Director North American Certification Program

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AVLV2.E318898 Appliance Wiring Material - Component

[Page Bottom](#)

Appliance Wiring Material - Component

[See General Information for Appliance Wiring Material - Component](#)

SHENYU COMMUNICATION TECHNOLOGY INC

E318898

275 E Waihuan Rd

Jiangyin, Jiangsu 214400 CHINA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1007	1333	1589	1723	1858	1901	10111	
1226	1354	1591	1726	1859	1927	10248	
1227	1371	1592	1727	1860	10005	10362	
1330	1538	1708	1766	1882	10011	10518	
1331	1571	1709	1847	1886	10064	11149	
1332	1577	1710	1857	1887	10072		
Multiple-conductor, thermoplastic insulation.							
2464	2725	20276	21100				

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

[Last Updated](#) on 2016-06-13

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UNDERWRITERS LABORATORIES

APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 1354

Issued:1964-02-19

Revised:2009-04-30

Style 1354 Coaxial Cable.

Rating	60, 80 deg C, 30 Vac, Horizontal flame.
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Conductor	44 AWG min., material not specified.
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Insulation	2 mils minimum at any point, 125 mils maximum. The insulation may be: Extruded solid or cellular PE, FRPE, PP, PFA, FEP, ECTFE, PTFE, ETFE, or combination thereof with or without irradiation; or tape wrapped solid or cellular PTFE, PFA, or FEP. Applied as a spiral wrapped thread (5 mils minimum, 40 mils maximum) and enclosed in a tube of insulation.
------------	---

Assembly	Insulated conductor with optional inner covering, optional inner shield, optional middle covering, required outer shield and required outer covering.
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Shield	Optional. Outer Shield required.
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Covering	Optional Inner Covering - Extruded PVC, PFA, Polyamide, Polyester, PVDF, FEP, PTFE, ECTFE, ETFE, PE, XLPE, XLFRPE or FRPE; lacquered braids; heat sealed PTFE, PFA or FEP tape; Polyester or Polyester-Polyethylene film. Thicknesses not specified. Optional Middle Covering - Extruded PVC, PFA, PP, Polyamide, Polyester, PVDF, FEP, PTFE, ECTFE, ETFE, PE, XLPE, XLFRPE or FRPE; lacquered braids; heat sealed PTFE, PFA or FEP tape; Polyester or Polyester-Polyethylene film. Thicknesses not specified. Required Outer Covering - Extruded Irradiated PE, Irradiated PVC, Polyurethane, PVC, PFA, PP, Polyamide, Polyester, PVDF, FEP, PTFE, ECTFE, ETFE, PE, XLPE, XLFRPE or FRPE; lacquered braids; heat sealed PTFE, PVC, PFA or FEP tape; Polyester or Polyester-Polyethylene film. Thicknesses not specified.
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Standard	Appliance Wiring Material UL 758.
Marking	General.
Use	Internal wiring of Class 2 circuits of electronic equipment or as insulated single in jacketed multiconductor cables.

型号 Type	RF-1.13L/50	料号 P/N	SY113L/50-003(Gray)	版本: V0
结构图 Structure drawing				
结构特性 Structure characteristics				
结构 Structure	项目 Item		标准值 Standard value	
①内导体 Inner conductor	材料 Material		镀银铜线 Silverplated copper wire	
	组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm)		7/0.083	
	(绞合)标称外径(mm) (Intertwist)NOM.O.D.(mm)		0.249±0.02	
②绝缘层 Insulation	材料 Material		聚全氟乙丙烯 FEP	
	颜色 Color		透明 Clarity	
	标称外径(mm) NOM.O.D.(mm)		0.735±0.03	
③外导体 Outer conductor	材料 Material		铜塑箔 Cu-plastic composite tape	
	组成:厚度(mm)×宽度(mm) Makeup:thickness(mm)×width(mm)		0.012×2.5	
	标称外径(mm) NOM.O.D.(mm)		0.759±0.03	
	覆盖率(%) Coverage ratio(%)		100	
④外导体 Outer conductor	材料 Material		镀锡铜线 Tinned copper wire	
	组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm)		4/0.05	
	标称外径(mm) NOM.O.D.(mm)		0.96±0.05	
	覆盖率(%) Coverage ratio(%)		90±5	
⑤护套层 Jacket	材料 Material		聚全氟乙丙烯 FEP	
	颜色 Color		灰 Gray	
	标称外径(mm) NOM.O.D.(mm)		1.15±0.05	
电性能特性 Electrical characteristics				
项目 Item	标准值 Standard value	项目 Item	频率 Frequency	标准值 Standard value 单位 Unit:dB/m
电容(pF/m) Capacitance(pF/m)	98	衰减 Attenuation	1GHz	≤1.88
速率(%) Velocity(%)	70		2GHz	≤2.55
阻抗(Ω) @1ns Impedance(Ω)	50±2		3GHz	≤3.05
驻波比 Standing wave ratio	≤1.3@0~6GHz		4GHz	≤3.52
最大工作电压(V) Max.operating voltage(V)	1000		5GHz	≤4.05
			6GHz	≤4.4
可靠性 Dependability				
项目 Item	单位 Unit	标准值 Standard value		
最小弯曲半径(一次) Min.bending radius static	mm	4		
最小弯曲半径(重复) Min.bending radius repeated	mm	—		
工作温度范围 Operating temperature	℃	-55~+125		
包装 Packing				
项目 Item	单位 Unit	标准值 Standard value		
包装方式 Packing mode	/	纸盘 Papery plate		
每盘长度 The length of each plate	m	1000		
每盘接头数 Each connector plate number	/	≤5		
每段最短长度 The shortest length of each root	m	≥10		
使用提示 Use tips				
存储环境 Storage environment	温度: 30℃以下; 湿度: 20%~65% Temperature: Under 30℃; Humidity: 20%~65%			
最佳保存周期 The best save cycle	2个月; 2个月以上作业性下降, 如上锡效果变差,但电性能不受影响。夏季高温高湿环境开剥后需尽快流转 Two months: Soldering performance may decline after two months, the tinned effect may become worse, but the electrical characteristics are not affected.The stripped wire must be used as soon as possible in the summer high temperature and high humidity environment.			
加工温度 Processing temperature	260℃的极限情况下, 可短时间承受; 300℃以上分子通常带有的等端基会分解; 400℃以上发生显著的热分解 Under the condition of 260℃ limit, can bear within short time; Molecular with terminal groups will decompose over 300℃ and significantly decompose over 400℃.			
铁氟龙收缩 Teflon Shrink	固有材料特性。绝缘: 0.2mm以下; 护套: 0.3mm以下 The inherent material characteristics. Insulation: <0.2mm ; Jacket: <0.3mm			
护套窜动 Jacket traverse	加工长度(护套残留长度)低于5cm易发生 The Jacket traverse may happen easily, when the processing length is less than 5cm.			
其他 Other				
特殊加工工艺, 请与供方协商后使用 Special processing technology,please consult with supplier before using.				

XFR 4840 GF10 (w), 310NF (w)

 - Plastics - Component

Plastics - Component
File Number: E213445



COMPANY

POLYPLASTICS CO LTD
18-1 KONAN 2-CHOME
MINATO-KU, TOKYO 108-8280 Japan

MODEL INFO

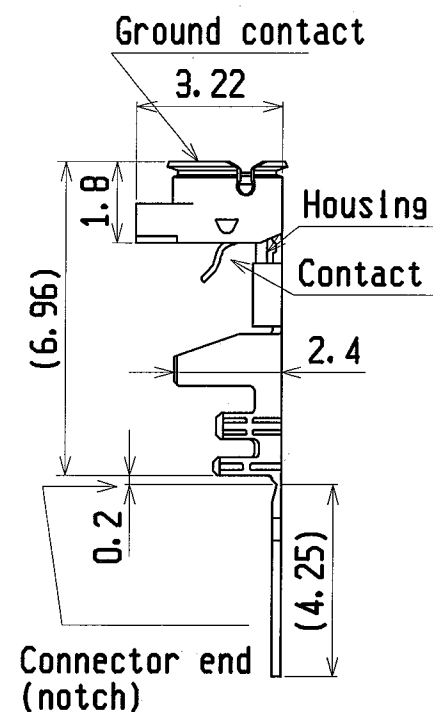
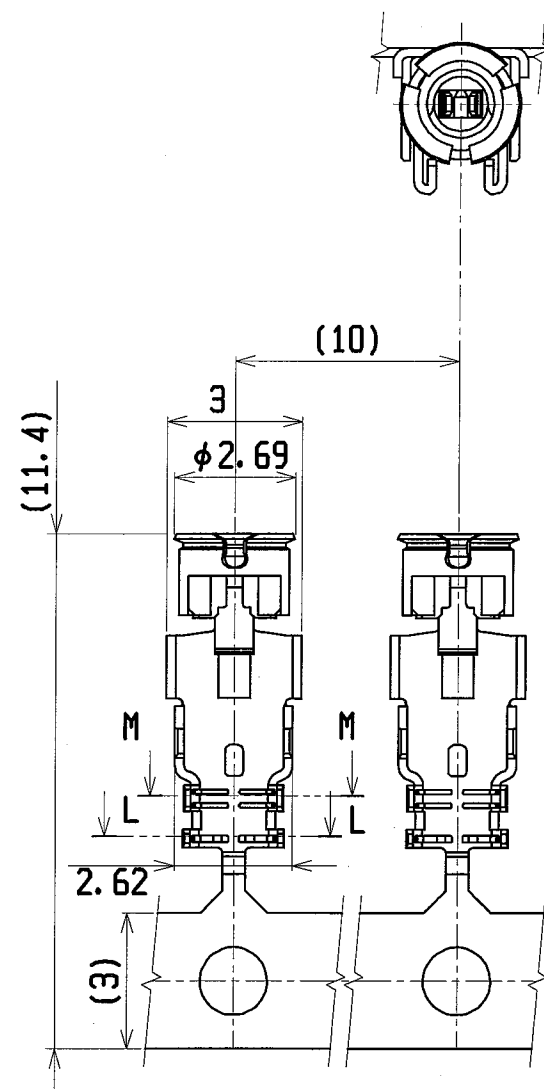
Duranex: XFR 4840 GF10 (w), 310NF (w)
Polybutylene Terephthalate (PBT) , furnished as pellets
--(w) Virgin and regrind up to 50% by weight inclusive, have the same flame characteristics only.

FLAMMABILITY PROPERTIES	NOMINAL VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	5VA V-0	

ISO/IEC FLAMMABILITY PROPERTIES	NOMINAL VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
Flammability (3.0 mm, Color: ALL)	5VA	IEC 60695-11-20

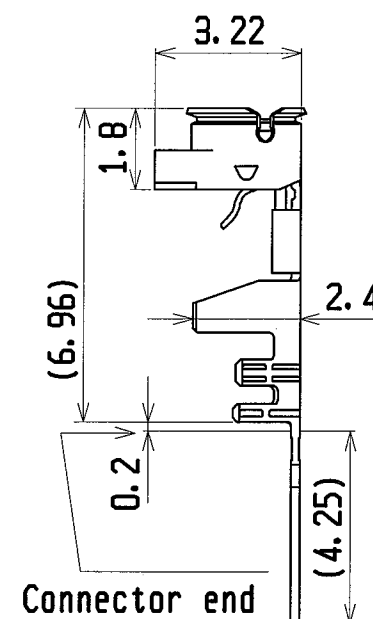
ELECTRICAL PROPERTIES	NOMINAL VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.75 mm	1 PLC	
1.5 mm	1 PLC	
3.0 mm	1 PLC	
High Amp Arc Ignition (HAI)		UL 746A
0.75 mm	0 PLC	
1.5 mm	0 PLC	
3.0 mm	0 PLC	
Comparative Tracking Index (CTI)	1 PLC	UL 746
Dielectric Strength	24 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	0 PLC	
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	5 PLC	
THERMAL PROPERTIES	NOMINAL VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	

PART NO.
20278-***R-..



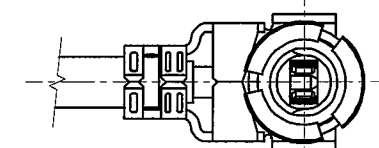
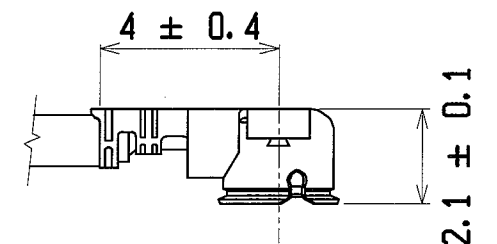
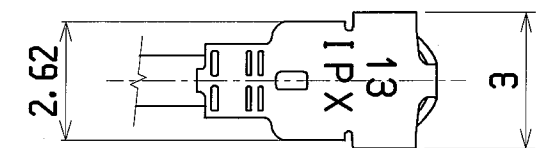
Part No. 20278-101R-08
20278-102R-08
20278-101R-13
20278-102R-13
20278-101R-32
20278-102R-32

For hand tool
(with notch)



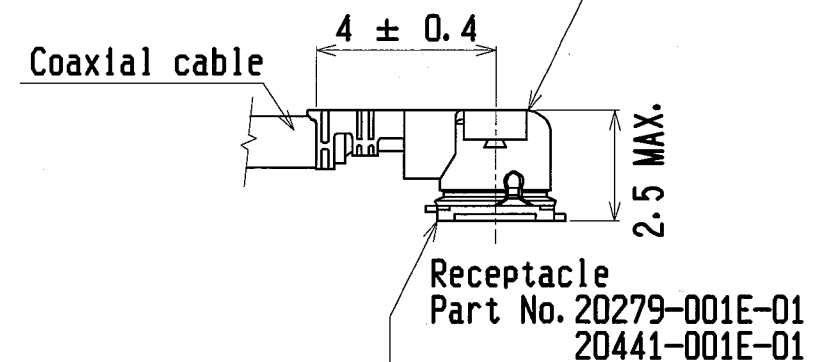
Part No. 20278-111R-08
20278-112R-08
20278-111R-13
20278-112R-13
20278-111R-32
20278-112R-32

For semi auto
termination machine
(without notch)



Cable Ass'y

Plug
P/N 20278-1**R-08
P/N 20278-1**R-13
P/N 20278-1**R-32

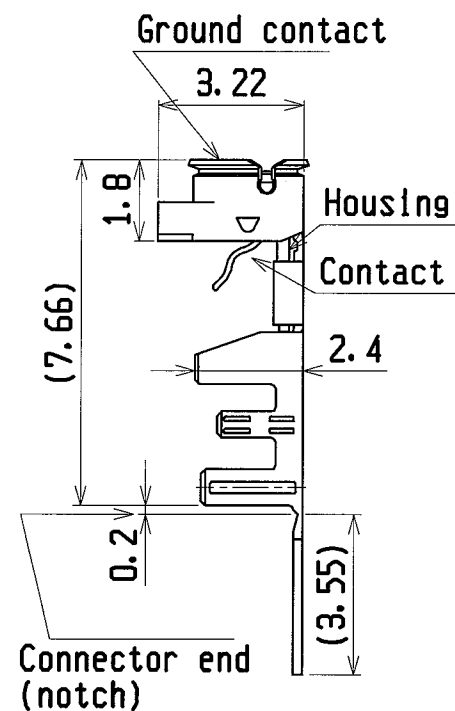
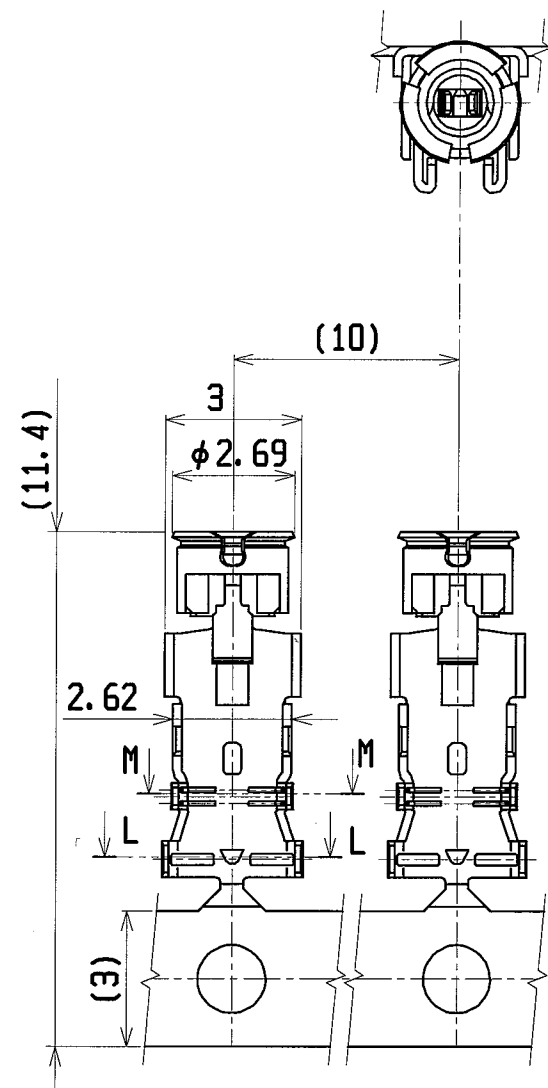


MATING

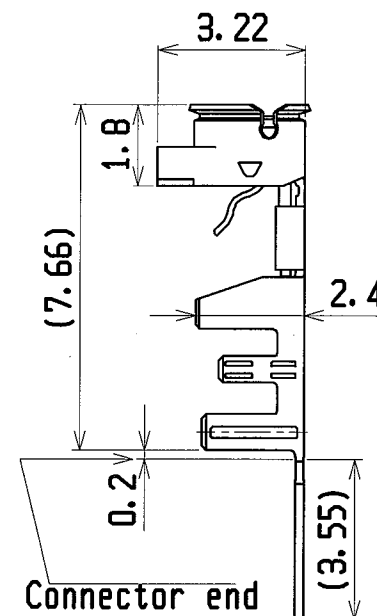
GENERAL TOLERANCE		
6 MAX.	±0.2	
6 OVER MAX. 30	±0.3	
30 OVER MAX. 120	±0.5	
ANGLE	±2°	

19C Z08056	K.O	Feb/04/08	EK	DESIGN'D BY	DATE	I-PEX Interconnect and Packaging Electronics TOKYO, JAPAN	
18C Z07346	K.O	Jul/10/08	E.K	K. Ohbayashi	JUN/13/01		
17C Z05233	K.O	May/18/05	T.H	CHK'D BY	DATE	TITLE MHF series micro coaxial connector plug vertical (ground contact : gold plating)	
16C Z05024	K.O	Jan/20/05	T.H				
15C Z04398	K.O	Nov/12/04	T.H	APP'D BY	DATE	General	
REV	ECN	BY	DATE	K. Katabuchi	JUN/13/01		
REV. RECORD				CUSTOMER	PROJECTION	SCALE	UNIT
SERIES No. 2814				COPY	①	6/1	mm
						DWG. No.	SHEET
						20278	REV.
							1/4 19C

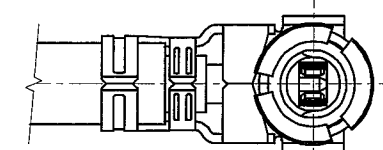
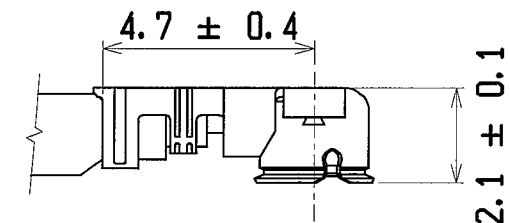
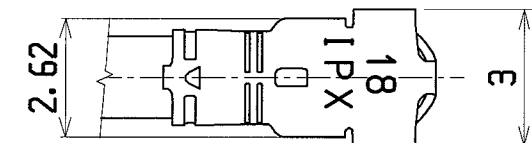
PART NO.
20278-***R-**



Part No. 20278-101R-18
20278-102R-18
For hand tool
(with notch)

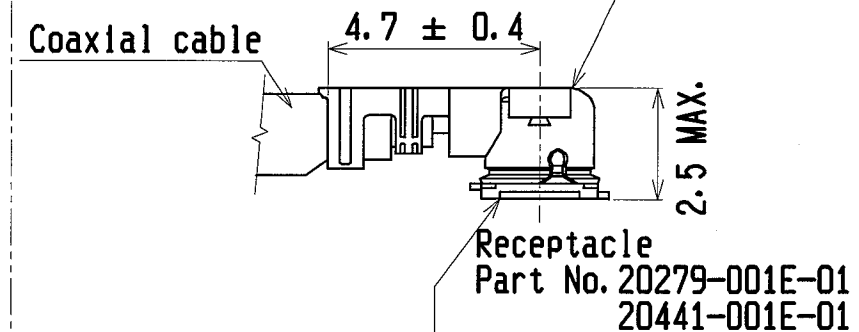


Part No. 20278-111R-18
20278-112R-18
For semi auto
termination machine
(without notch)



Cable Ass'y

Plug
P/N 20278-1**R-18



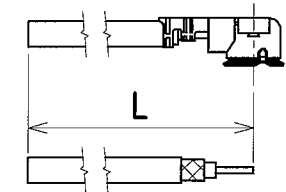
MATING

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

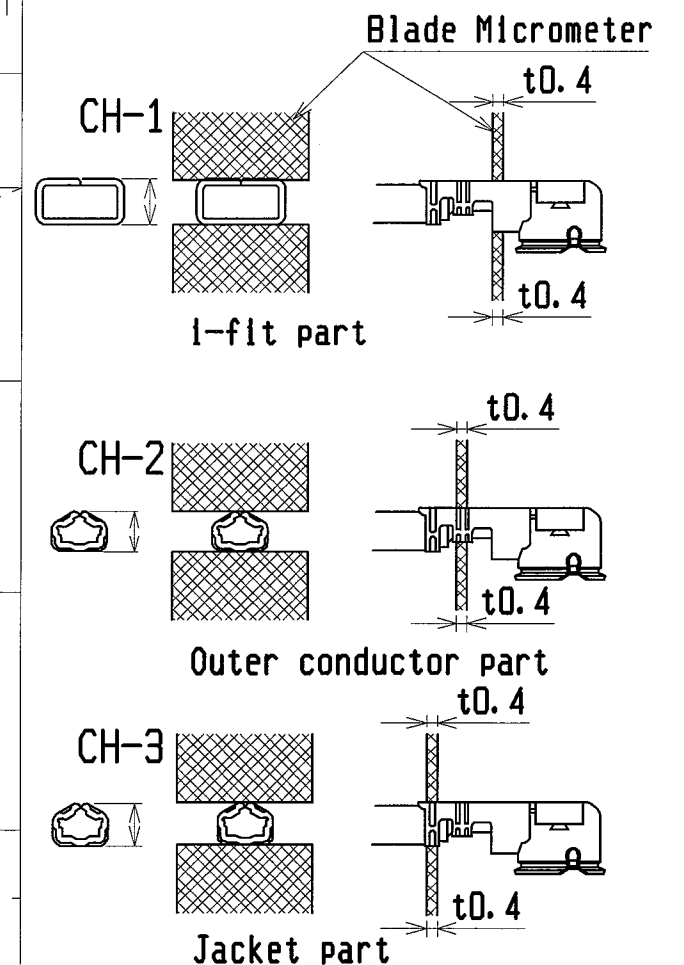
REV ECN BY DATE APP REV. RECORD SERIES No. 2814 DESIGN'D BY DATE CHK'D BY DATE APP'D BY DATE CUSTOMER COPY					I-PEX Interconnect and Packaging Electronics TOKYO, JAPAN
					TITLE MHF series micro coaxial connector plug vertical (ground contact : gold plating) General
					PROJECTION SCALE UNIT DWG. No. 6/1 mm 20278 SHEET REV. 2/4 19C

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	Black	Black	White
Applicable cable nominal dimension		※ NOTE-1	※ NOTE-1	※ NOTE-1	※ NOTE-1
Braided shield of Outer conductor 外部導体の編組		Single / 1重編組	Single / 1重編組	Double / 2重編組	Single / 1重編組
P/N of hand Tool		90187-008C	90187-013C	90187-032C	90233-018
P/N of semi auto termination machine		90213-008C	90213-013C	90213-032C	90232-018
Sect. M-M					
Sect. L-L					
Crimp Height	CH-1	1.34~1.40	1.34~1.40	1.34~1.40	1.34~1.40
	CH-2	0.76~0.84	1.06~1.14	1.20~1.30	1.41~1.49
	CH-3	0.85~0.97	1.15~1.35	1.26~1.46	1.70~1.80

Cable cut length



Crimp Height



NOTE-1

中心導体, 外部導体への半田コーティングは不可
Must not use solder coated
Inner conductor and outer conductor.

DESIGN'D BY _____ DATE _____ CHK'D BY _____ DATE _____ APP'D BY _____ DATE _____ I-PEX Interconnect and Packaging Electronics TOKYO, JAPAN					TITLE		General	
					MHF series micro coaxial connector plug vertical (ground contact : gold plating)			
					CUSTOMER COPY	PROJECTION		SCALE UNIT DWG. No.
					SERIES No.	2814		20278
REV	ECN	BY	DATE	APP	SHEET REV.			
					3/4 19C			

Notes

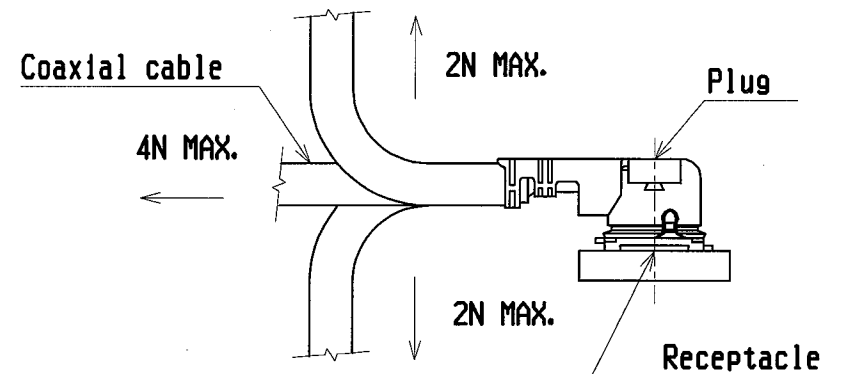
1. Material

- (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.

2. Packing : reel

3. Mating partner part No.
: 20279-001E-01, 20441-001E-01

4. 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.

1. 材料

- (1)ハウジング: PBT, UL94V-0
- (2)コンタクト
りん青銅
金メッキ0.1 μ m MIN.
下地 ニッケル1.27 μ m MIN.
- (3)グラウンドコンタクト
りん青銅
金メッキ0.05 μ m MIN.
下地 ニッケル1.27 μ m MIN.

2. 梱包 : リール

3. かん合相手 part No.
: 20279-001E-01, 20441-001E-01

4. コネクタかん合後のケーブルに対する荷重

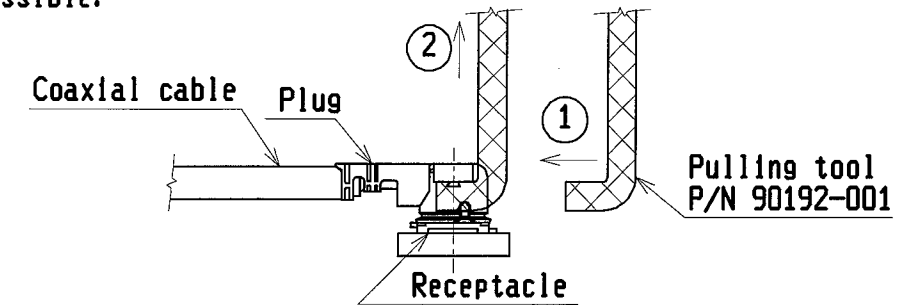
5. コネクタかん合時および抜去時の注意

5-1 コネクタ挿入時

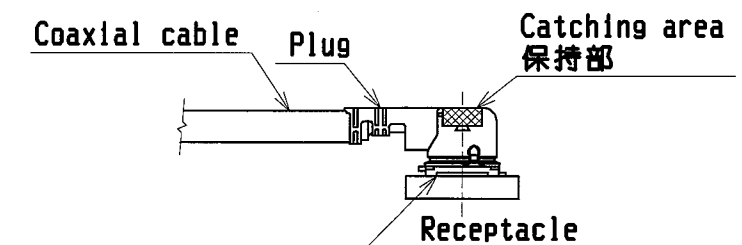
PlugとReceptacleのかん合軸を合わせ、できるだけ垂直に挿入して下さい。極端な斜め挿入は行わないで下さい。コネクタ破損の原因となりますので、過度なこじり挿入は行わないで下さい。

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.

5-2 コネクタ抜去時

- (1) 抜去ジグを用いる場合
下図のようにできるだけ垂直に引き抜いて下さい。

- (2) 手で直接引き抜く場合
下図の保持部をつかみ、できるだけ垂直に引き抜いて下さい。

5-3 外部導体はみ出し量

外部導体はみ出し量規定
: 外部導体トータル本数の10%以下
(外部導体バレルの外にはみ出し量)

5-4 熱収縮チューブについての注意

熱収縮チューブで外部導体を覆う場合は、導通不良の原因となりますので、熱によりハウジングを溶融させないように注意してください。

6. 本コネクタは'Pb-free'である

GENERAL TOLERANCE	
6 MAX.	± 0.2
6 OVER MAX. 30	± 0.3
30 OVER MAX. 120	± 0.5
ANGLE	$\pm 2^\circ$

DESIGN'D BY DATE CHK'D BY DATE APP'D BY DATE	REV ECN BY DATE APP		CUSTOMER COPY		PROJECTION SCALE UNIT DWG. No.		SHEET REV.	
	REV. RECORD SERIES No. 2814		INTERCONNECT and Packaging Electronics TOKYO, JAPAN		20278		4/4 19C	
	REV ECN BY DATE APP		INTERCONNECT and Packaging Electronics TOKYO, JAPAN		20278		4/4 19C	
	REV. RECORD SERIES No. 2814		INTERCONNECT and Packaging Electronics TOKYO, JAPAN		20278		4/4 19C	