

亞 驪 企 業 股 份 有 限 公 司
ARISTOTLE ENTERPRISES

承 認 申 請 書

ROHS COMPLIANCE

客戶名稱: 香港商磐旭智能國際股份有限公司台灣分公司
Customer
廠商料號: RFA-25-AP532-70B-45
Part No.
品名: DB, L=45mm,IPEX
Description
圖號: RFA-25-AP532-70B-45
Drawing No.
客戶料號: 3422242000290M
Drawing No.
客戶品名: CBL,ANTENNA,ARISTOTLE,RFA-25-AP532-70B-45(未)
客戶規格: 45mm,IPEX1,24*18*0.6mm,FOR GT78V
WIFI/BT(AP532-BT_V1)

出廠簽章:

檢 查 TEST BY	核 對 CHECK BY	承 認 APPROVE BY
周沂珮	黃秋芳	廖煥文

承認簽章:

檢 查 TEST BY	核 對 CHECK BY	承 認 APPROVE BY

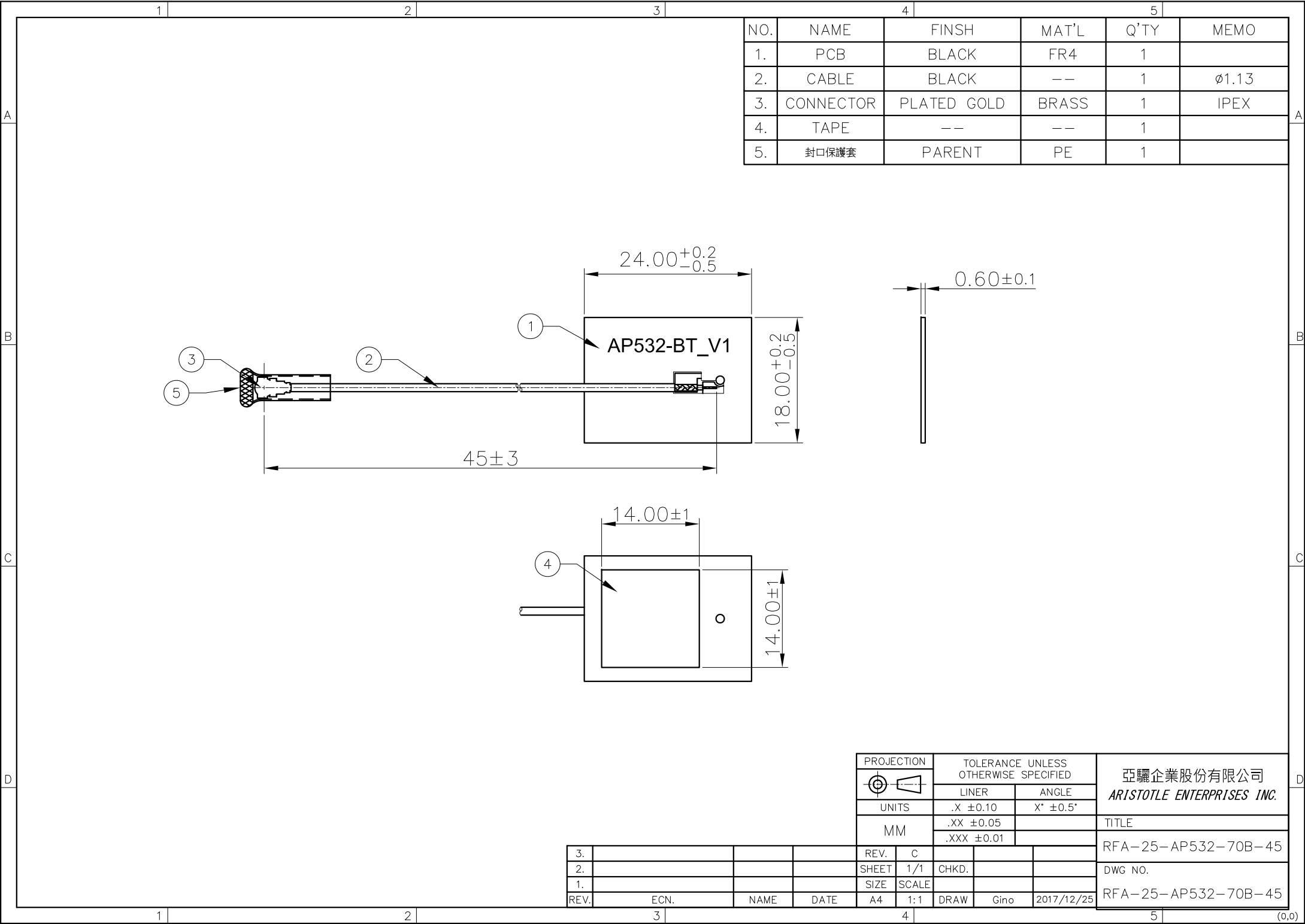
地址:新北市中和區莒光路 63 號 8 樓

電話:02-2225-8209

傳真:02-2225-7523

表單編號: QP-0603-F02

版本: A

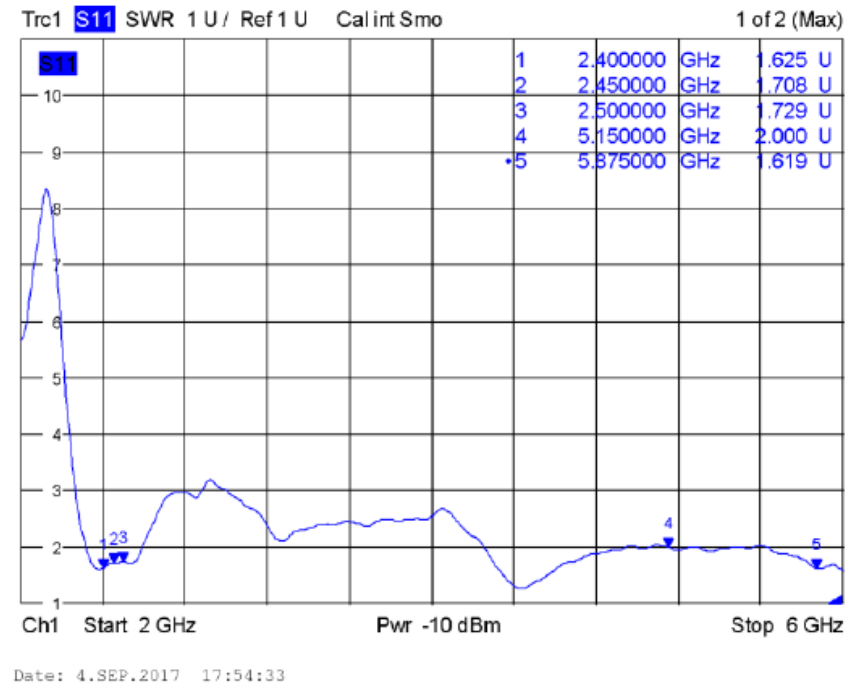


NO.		NAME	FINSH	MAT'L	Q'TY	MEMO
1.		PCB	BLACK	FR4	1	
2.		CABLE	BLACK	--	1	ø1.13
3.		CONNECTOR	PLATED GOLD	BRASS	1	IPEX
4.		TAPE	--	--	1	
5.		封口保護套	PARENT	PE	1	

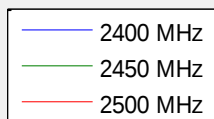
PROJECTION		TOLERANCE UNLESS OTHERWISE SPECIFIED		亞驪企業股份有限公司 ARISTOTLE ENTERPRISES INC.	
		LINER	ANGLE		
UNITS		.X ±0.10	X° ±0.5°	TITLE	
MM		.XX ±0.05		RFA-25-AP532-70B-45	
		.XXX ±0.01			
3.		REV.	C	DWG NO.	
2.		SHEET	1/1		
1.		SIZE	SCALE	RFA-25-AP532-70B-45	
REV.	ECN.	NAME	DATE		
				DRAW	Gino 2017/12/25

3.				REV.	C			
2.				SHEET	1/1	CHKD.		
1.				SIZE	SCALE			
REV.	ECN.	NAME	DATE	A4	1:1	DRAW	Gino	2017/12/25

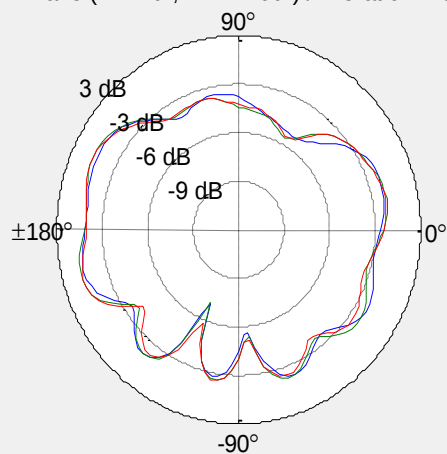
Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400.00	41.46	-8.82	-0.14
2450.00	43.31	-8.63	0.73
2500.00	41.98	-8.77	-0.43
5150.00	65.04	-6.87	0.31
5350.00	69.98	-6.55	0.72
5475.00	67.62	-6.70	0.82
5600.00	60.81	-7.16	1.20
5725.00	66.79	-6.75	1.48
5750.00	69.16	-6.60	1.06
5825.00	70.98	-6.49	1.07
5875.00	71.37	-6.46	1.02



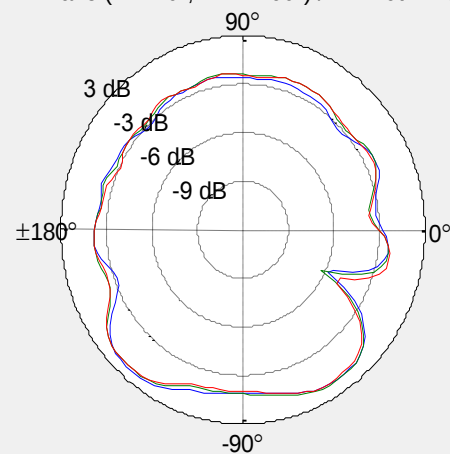
2G Band = 2400 - 2500 MHz % 2G Band



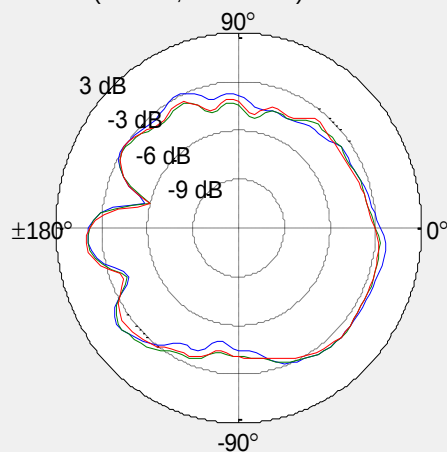
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



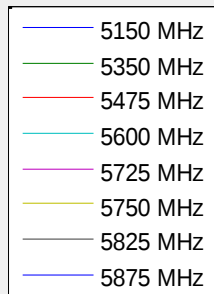
ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °



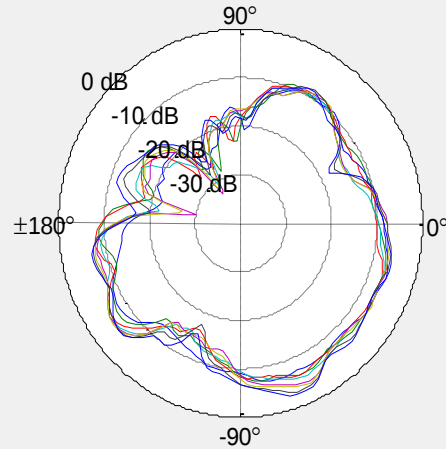
YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



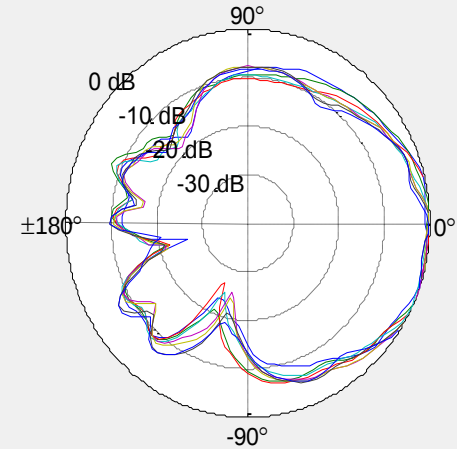
5G Band = 5150 - 5875 MHz % 5G Band



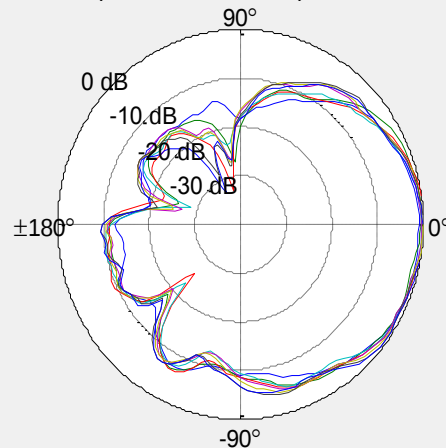
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



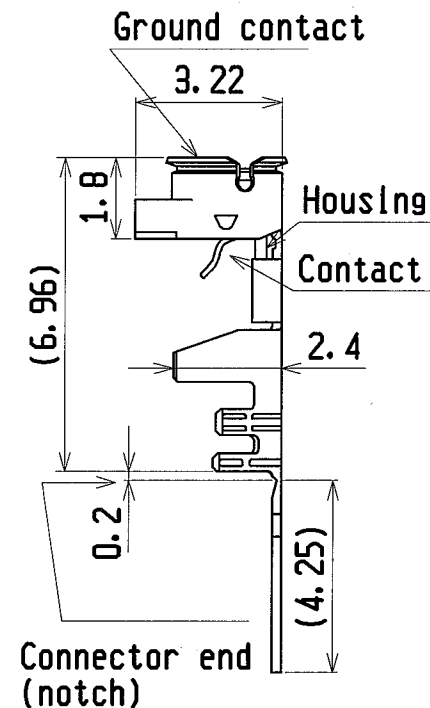
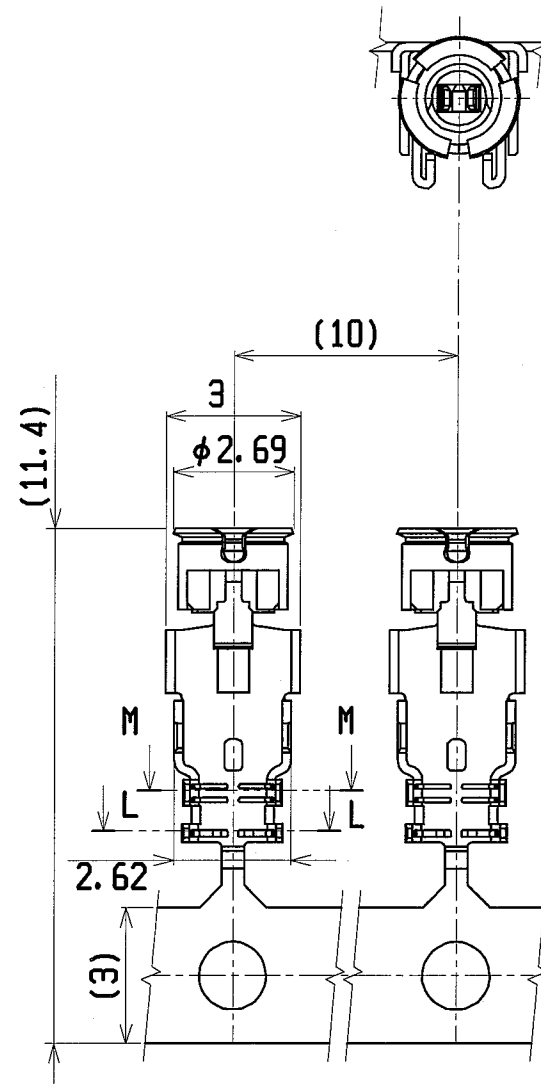
ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °



YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °

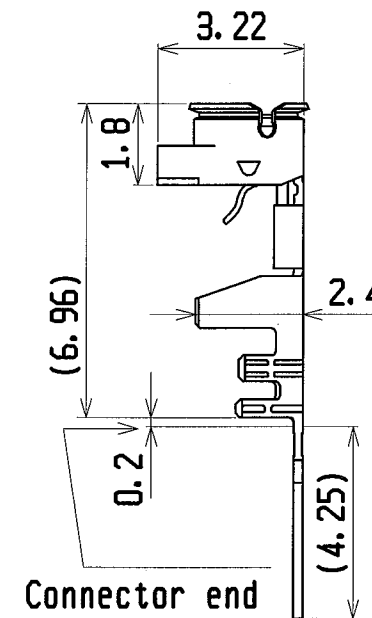


PART NO.
20278-...R-...



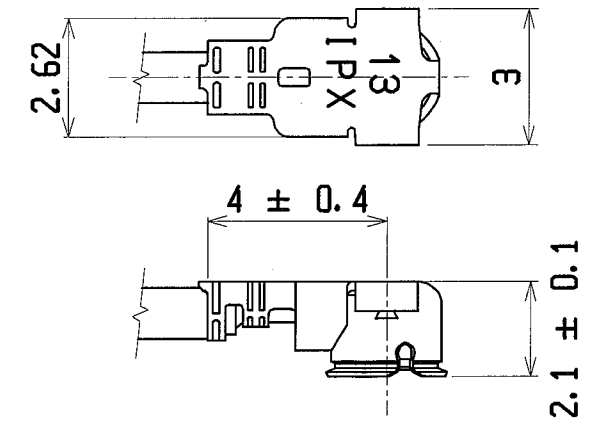
Part No. 20278-101R-08
20278-102R-08
20278-101R-13
20278-102R-13
20278-101R-32
20278-102R-32

For hand tool
(with notch)



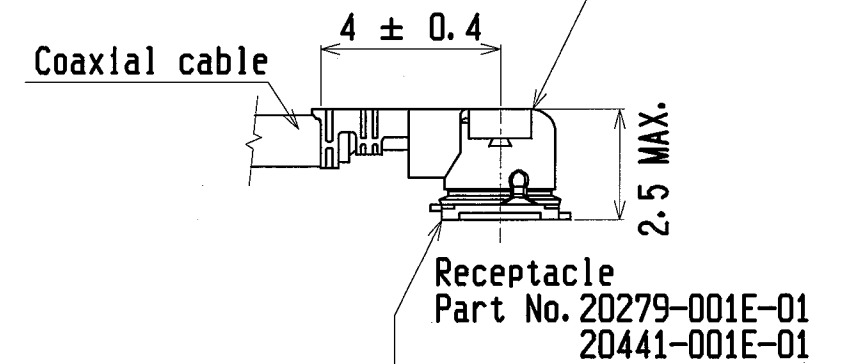
Part No. 20278-111R-08
20278-112R-08
20278-111R-13
20278-112R-13
20278-111R-32
20278-112R-32

For semi auto
termination machine
(without notch)



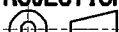
Cable Ass'y

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

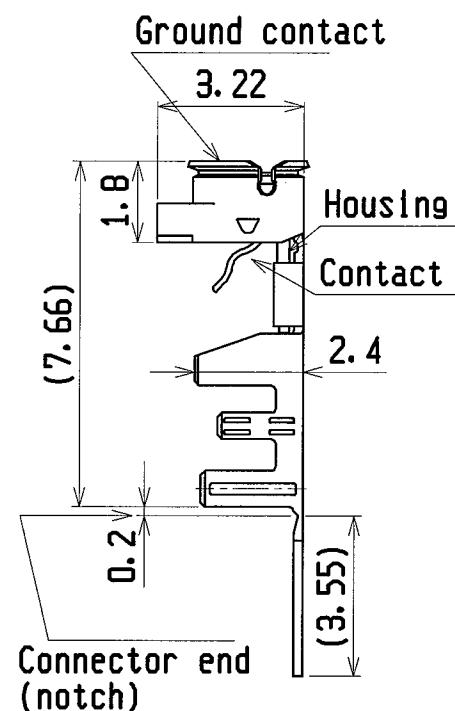
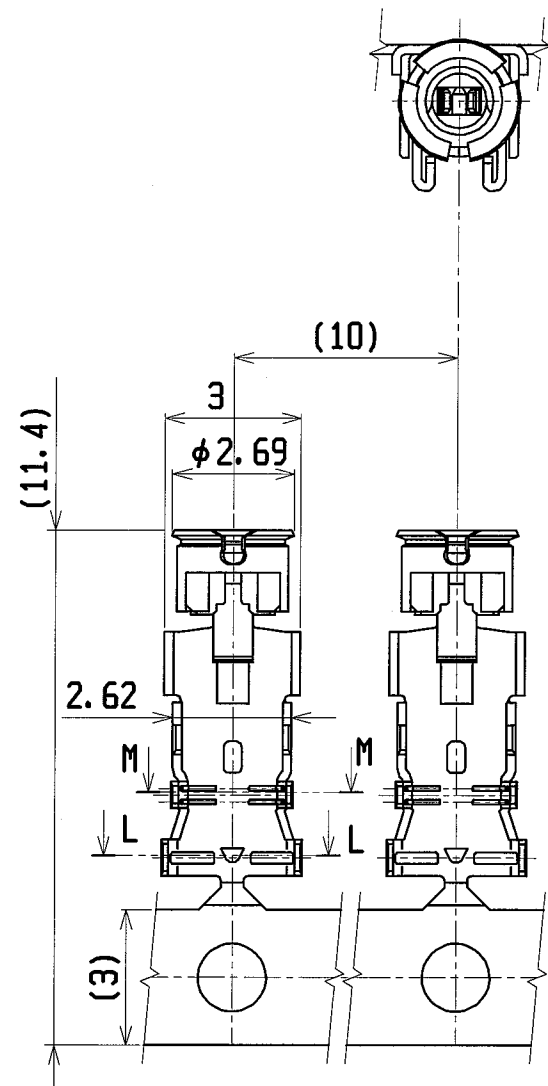


MATING

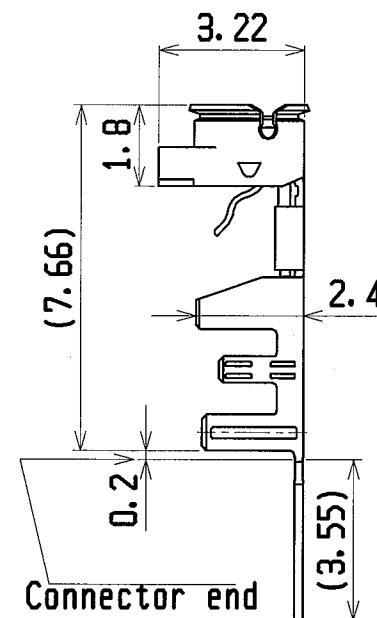
GENERAL TOLERANCE		
6 MAX.	±0.2	
6 OVER MAX. 30	±0.3	
30 OVER MAX. 120	±0.5	
ANGLE	±2°	

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 MF 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	APP	K.Katabuchi	JUN/13/01					
REV. RECORD					CUSTOMER COPY	PROJECTION 	SCALE	UNIT	DWG. No.	SHEET	REV.
SERIES No.		2814					6/1	mm	20278	1/4	19C

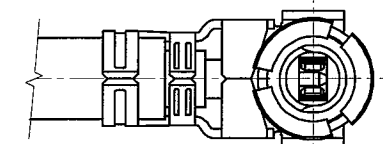
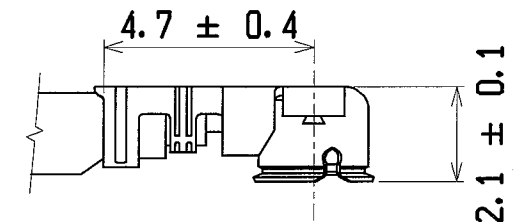
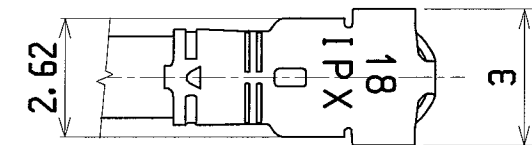
PART NO.
20278-***R-***



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

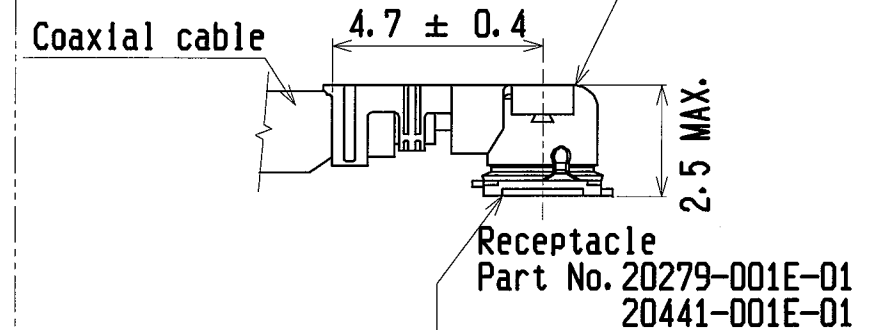


Part No. 20278-111R-18
20278-112R-18
For semi auto
termination machine
(without notch)



Cable Ass'y

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



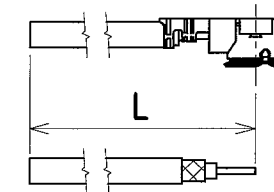
MATING

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

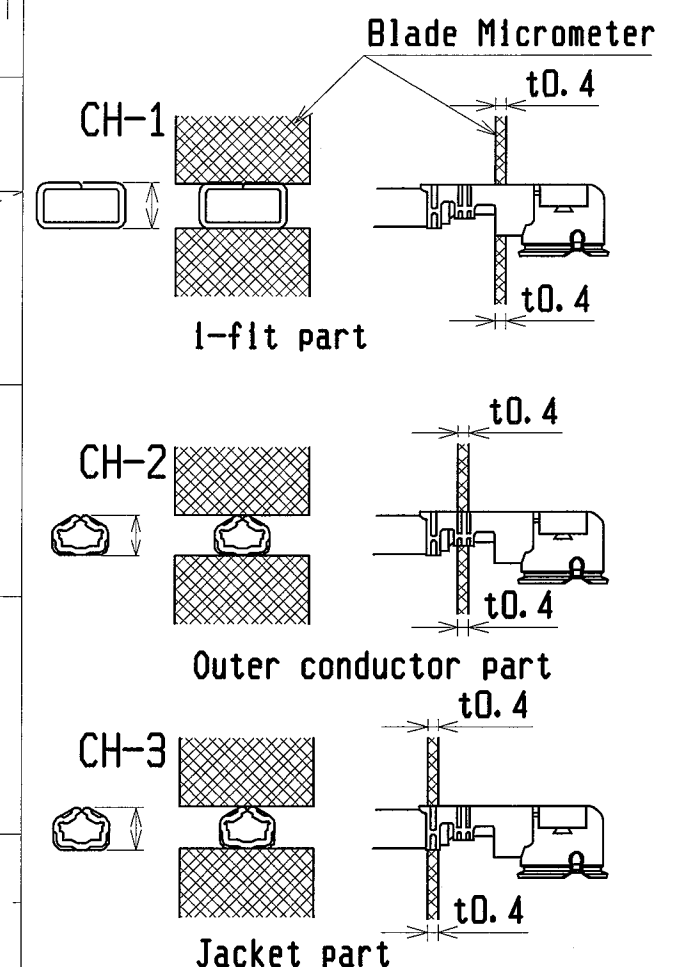
					DESIGN' D BY	DATE	I-PEX Interconnect and Packaging Electronics TOKYO, JAPAN					
					CHK' D BY	DATE						
					APP' D BY	DATE	TITLE			General		
								MMF series micro coaxial connector plug vertical (ground contact : gold plating)				
REV	ECN	BY	DATE	APP	CUSTOMER COPY		PROJECTION	SCALE	UNIT	DWG. No.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

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 MHF series micro coaxial connector plug vertical (ground contact : gold plating)		General		
REV	ECN	BY	DATE	APP	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
REV. RECORD											
SERIES No. 2814							mm		20278	3/4	19C

Notes

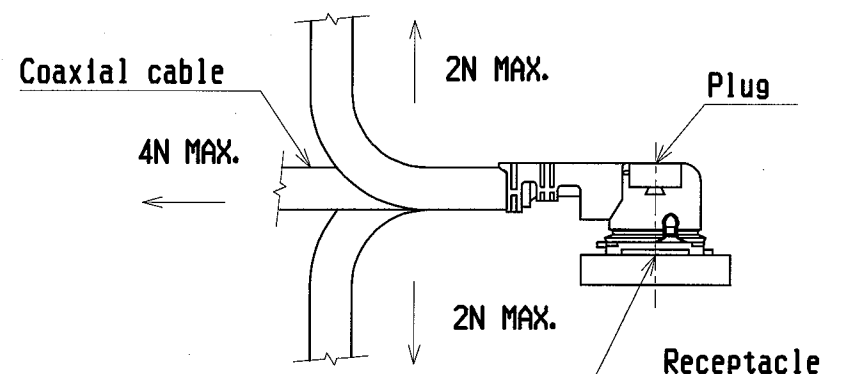
1. Material

- (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

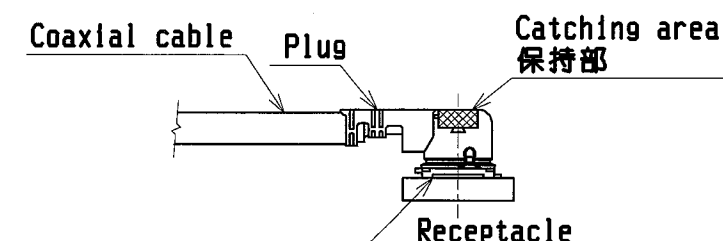
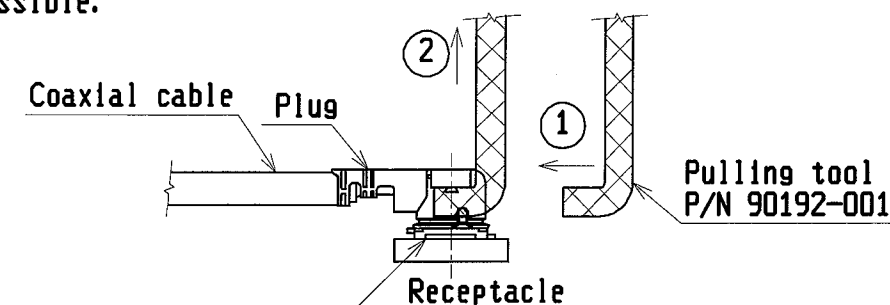
5. コネクタかん合時および抜去時の注意

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、過度なこじり挿抜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
(外部導体パ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	±2°	

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