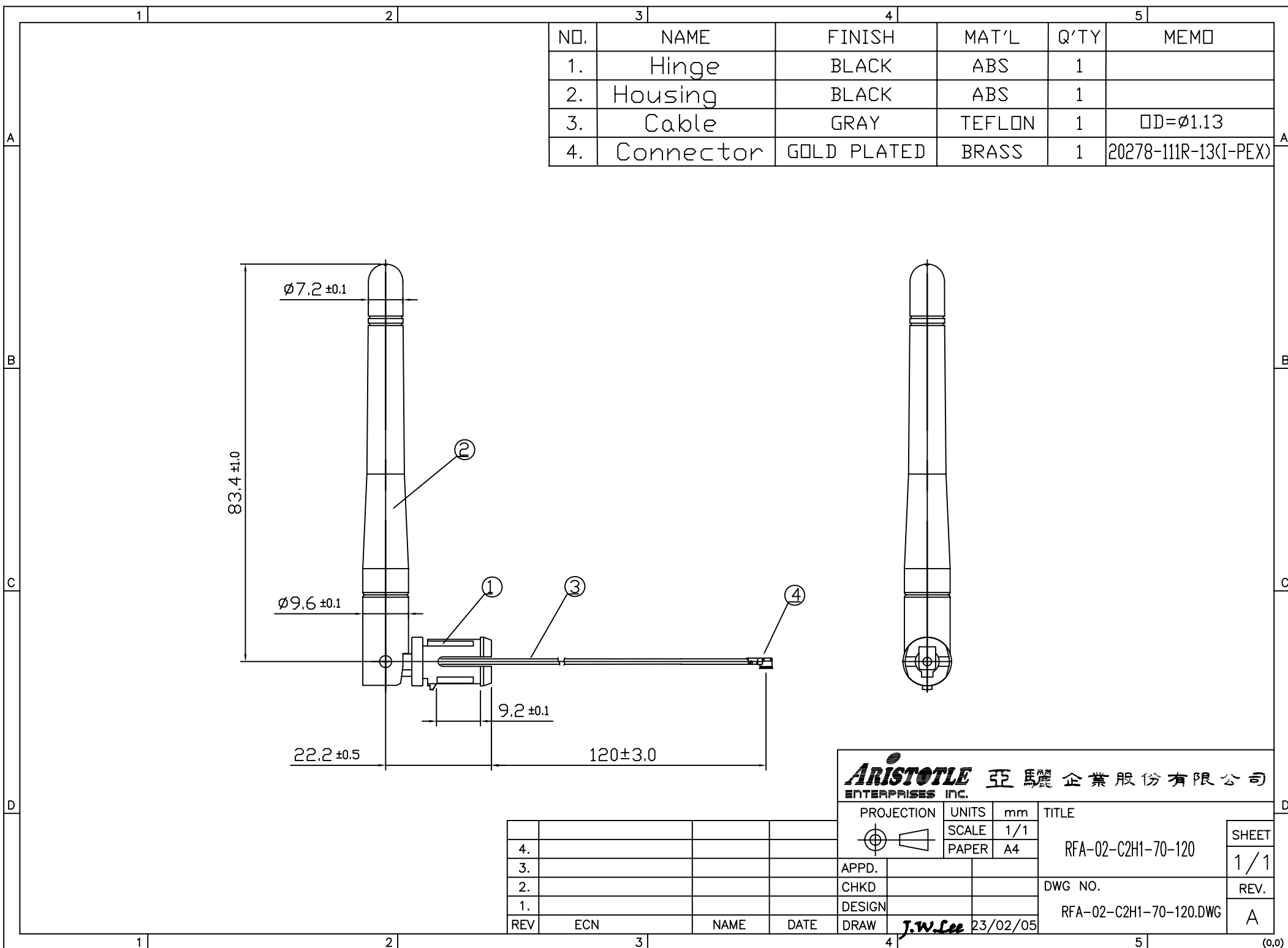
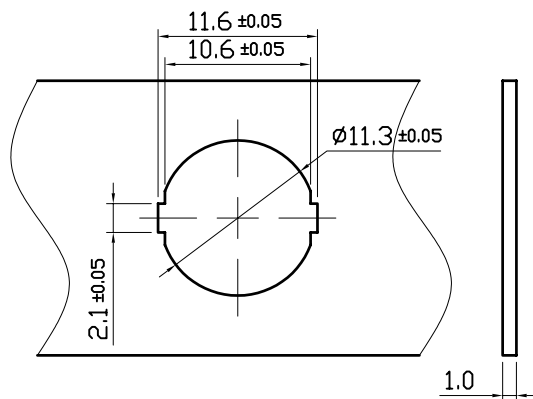
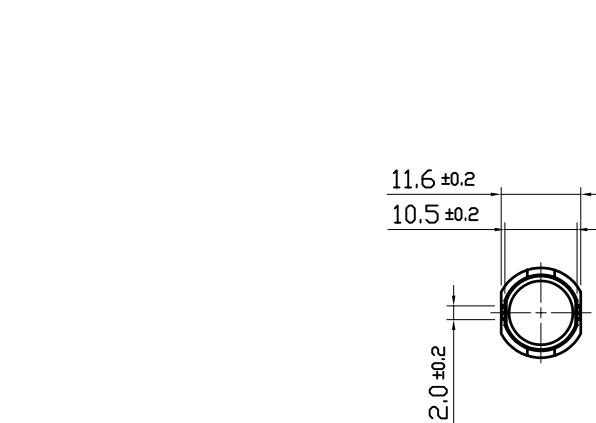




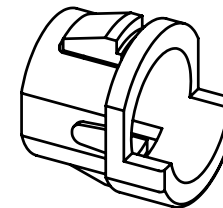
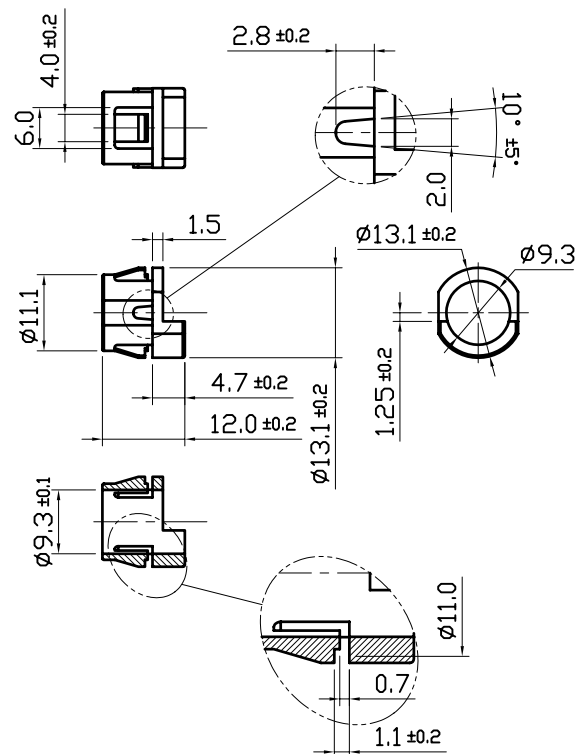
ARISTOTLE 亞驥企業股份有限公司
ENTERPRISES INC.

PROJECTION SCALE PAPER	UNITS SCALE PAPER	mm 1/1 A4	TITLE RFA-02-C2H1-70-120 DWG NO. RFA-02-C2H1-70-120.DWG	SHEET 1/1 REV. A
APPD.				
CHKD				
DESIGN				
DRAW	J.W.Lee	23/02/05		

4.			
3.			
2.			
1.			
REV	ECN	NAME	DATE



建議開孔尺寸
SCALE 2:1

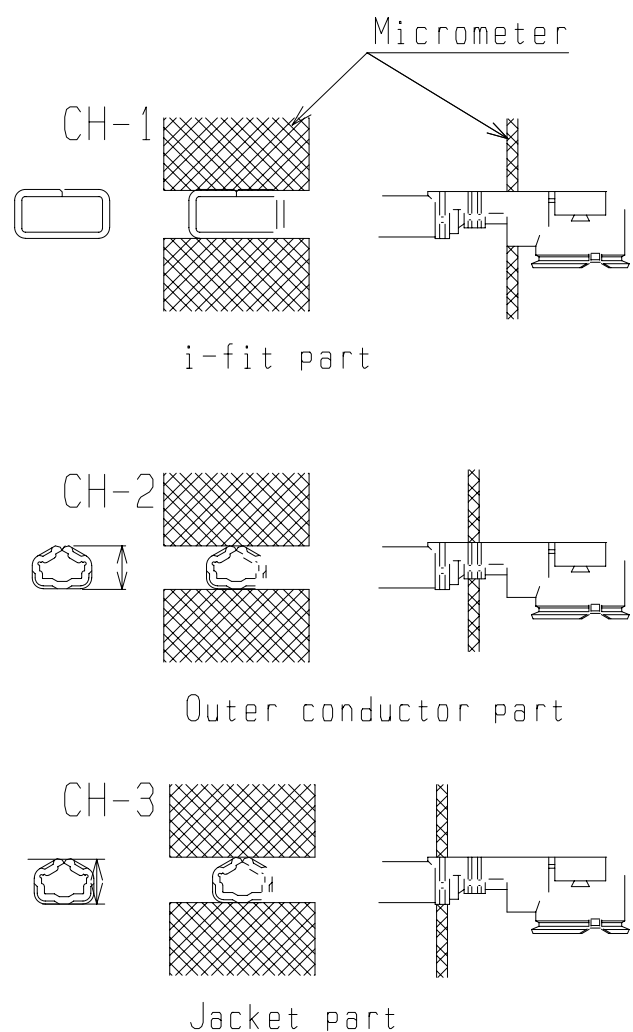


ARISTOTLE 亞 驪 企 業 股 份 有 限 公 司 ENTERPRISES INC.			
PROJECTION	UNITS	mm	TITLE
	SCALE	1/1	BPC2J4
	PAPER	A4	
APPD.			SHEET
CHKD.			1/1
DESIGN			REV.
DRAW	J.W. Lee	16/10/04	A
DWG NO.			BPC2J4.DWG

REV	ECN	NAME	DATE
4.			
3.			
2.			
1.			

(0.0)

Part No.		20278-101R-08 20278-111R-08	20278-101R-13 20278-111R-13	20278-101R-32 20278-111R-32	20278-101R-18 20278-111R-18
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



Crimp Height

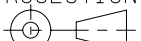
NOTE-1

中心導体，外部導体への半田コーティング⁴は不可

Must not use solder coated

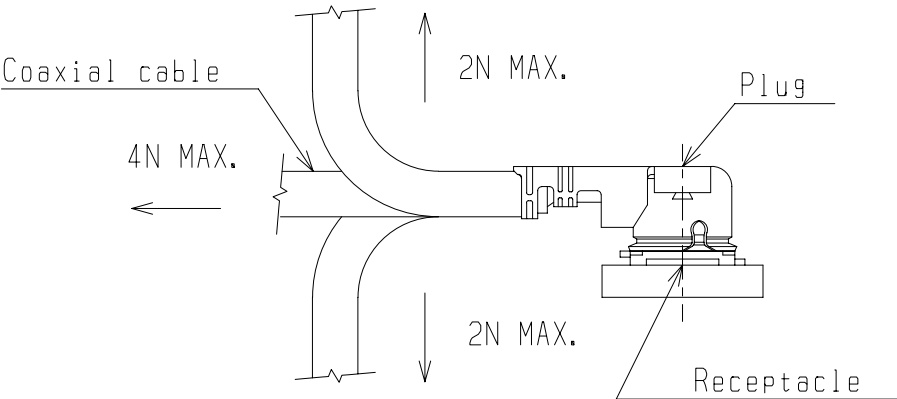
inner conductor and outer conductor.

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			
								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	2/3	13C

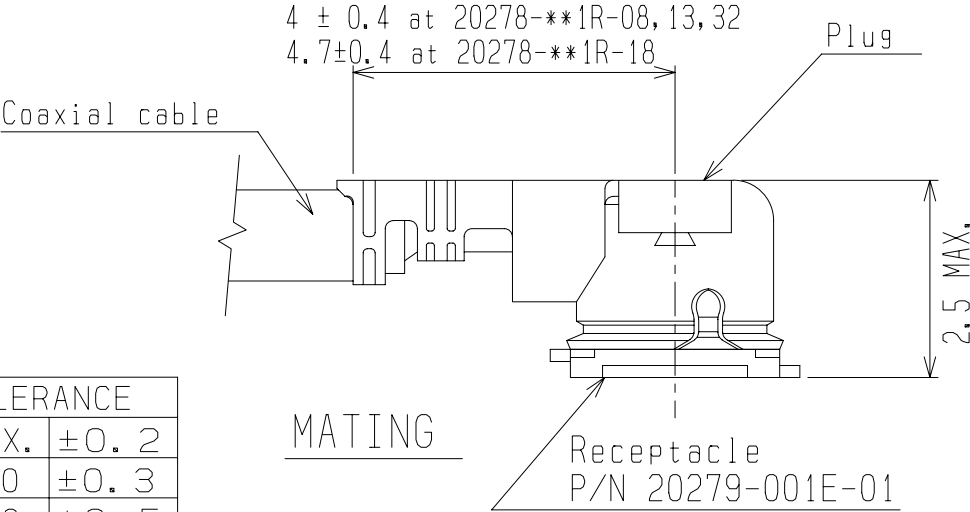
Notes

1. Material
(1) Housing : PBT , UL94V-0 , black
(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
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.



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

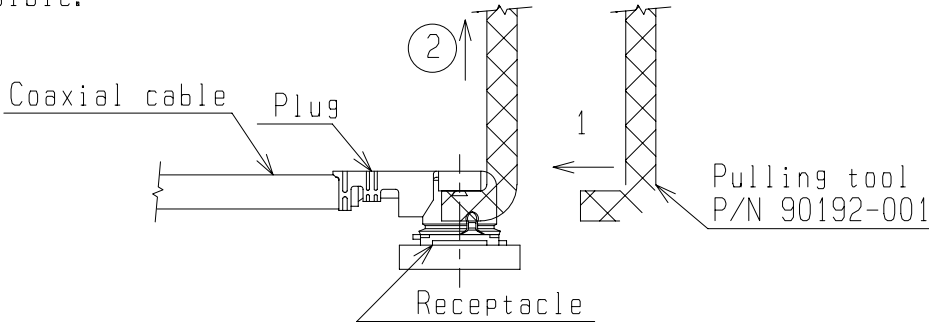
1. 材 料
(1) ハウジング:PBT, UL94V-0, 黒色
(2) コンタクト
りん青銅
金メッキ0.1 μ m MIN.
下地 ニッケル1.27 μ m MIN.
(3) グランドコンタクト
りん青銅
金メッキ0.05 μ m MIN.
下地 ニッケル1.27 μ m MIN.
2. 梱包 : リール
3. かん合相手 part No.
: 20279-001E-01
4. コネクタかん合後のケーブルに対する荷重

5. コネクタかん合時および抜去時の注意

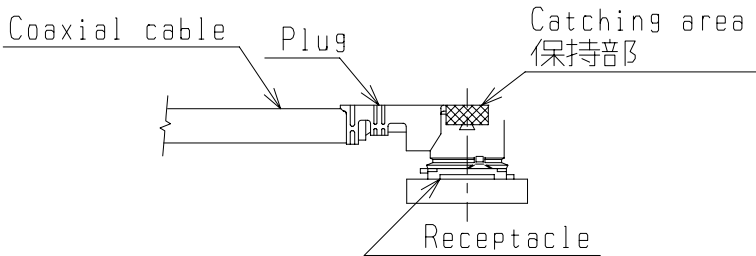
5-1 コネクタ挿入時
PlugとReceptacleのかん合軸を合わせ、できるだけ垂直に挿入して下さい。
極端な斜め挿入は行わないで下さい。
コネクタ破損の原因となりますので、過度なこじり挿抜は行わないで下さい。

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.

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。

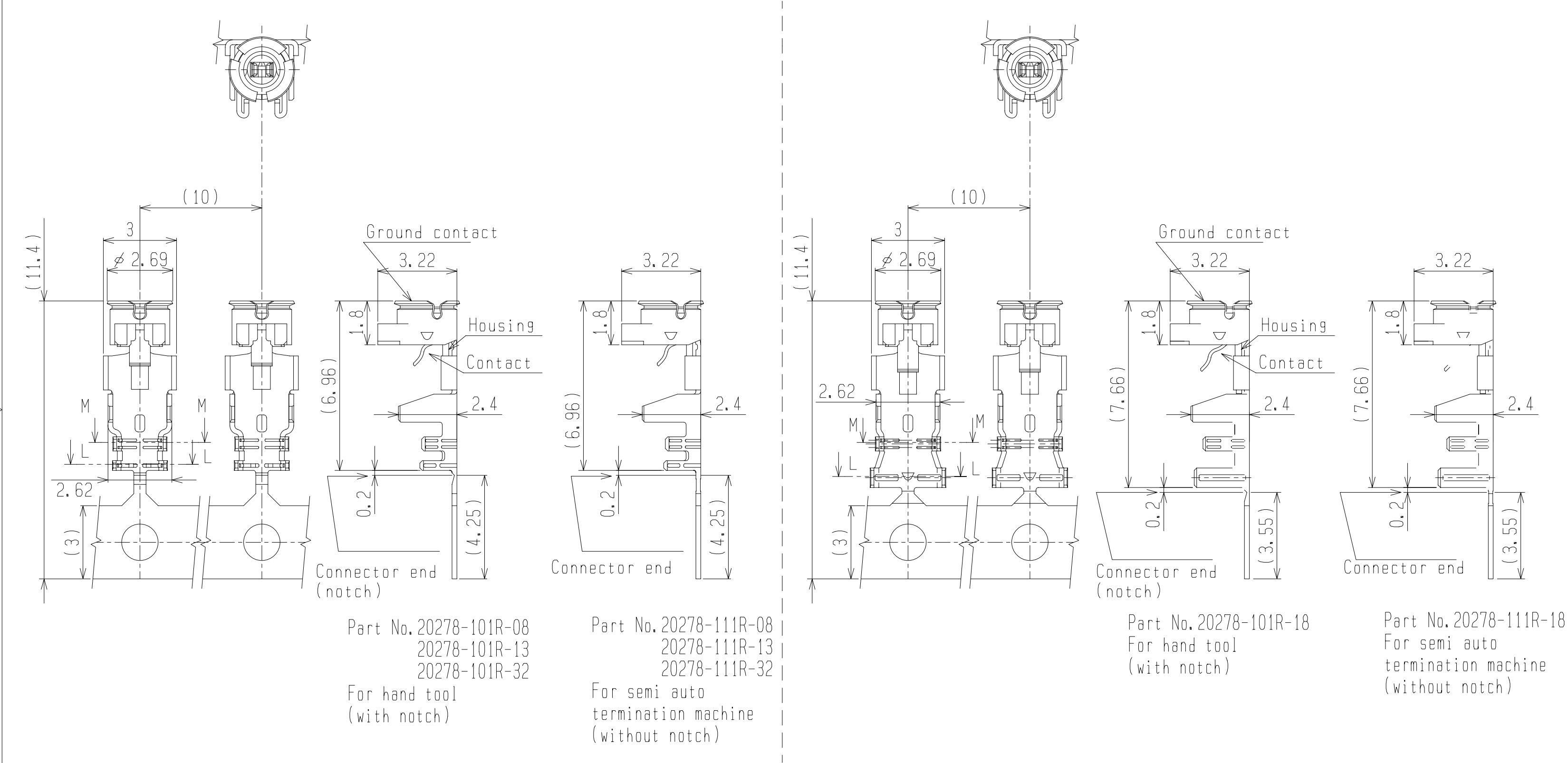
5-3 外部導体はみ出し量

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た量)

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、導通不良の原因になりますので、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。

					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	REV. RECORD		CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
SERIES No.		2814											
									-/-	mm	20278	3/3	13C

PART NO.
20278-**-1R-**-**



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

					11C	Z3041	K.O	Mar/24/03	K.K	4	Z2023	K.O	JAN/30/02	E.K
					10C	Z3014	K.O	JAN/31/03	K.K	3	Z1256	K.O	NOV/14/01	K.K
					9C	Z2239	K.O	NOV/15/02	E.K	2	Z1197	K.O	AUG/27/01	K.K
					8C	Z2224	K.O	OCT/17/02	E.K	1	Z1118	K.O	JUN/26/01	K.K
					7B	Z2180	K.O	JUL/29/02	E.K	0	Z1109	K.O	JUN/13/01	K.K
13C	Z3074	A.H	May/22/'03	K.K	6B	Z2146	K.O	JUN/24/02	K.K	REV	ECN	BY	DATE	APP
12C	Z3052	K.O	Apr/16/'03	K.K	5B	Z2117	A.H	MAY/17/02	K.K	REV. RECORD				
REV	ECN	BY	DATE	APP	REV	ECN	BY	DATE	APP	SERIES No. 2814				

DESIGN'D BY		DATE	
K.Ohbayashi		JUN/13/01	
CHK'D BY		DATE	
APP'D BY		DATE	
K.Katabuchi		JUN/13/01	
CUSTOMER COPY		PROJECTION	

I-PEX

Interconnect
and Packaging Electronics
TOKYO, JAPAN

TITLE				MHF series micro coaxial connector plug vertical (ground contact : gold plating)			
SCALE	UNIT	DWG. No.	SHEET	REV.			
6/1	mm	20278	1/3	13C			