

PART NO.
20448-001R-081

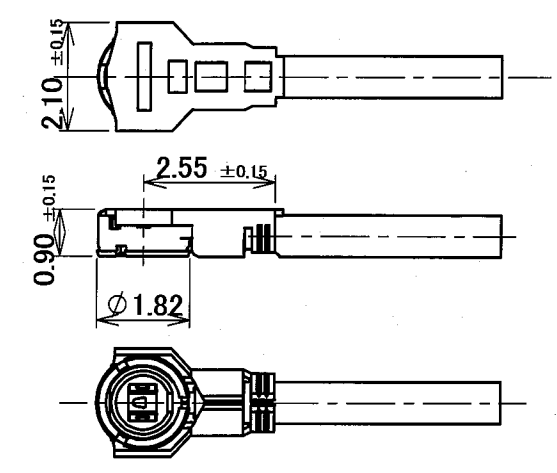
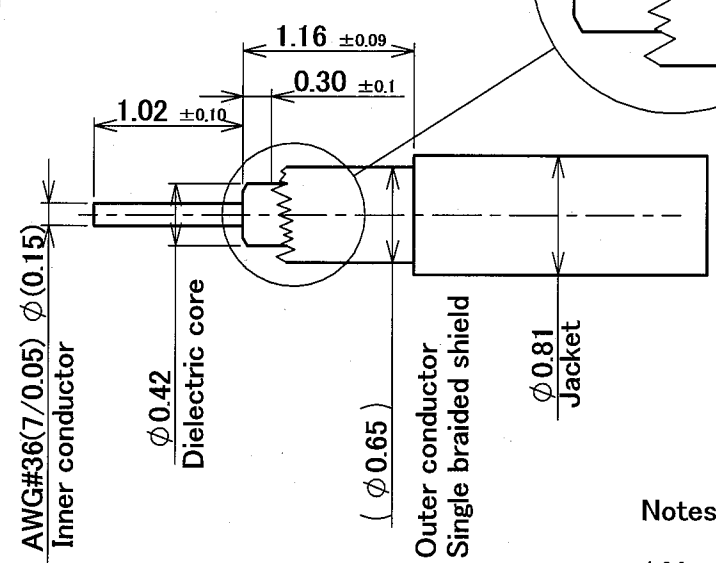
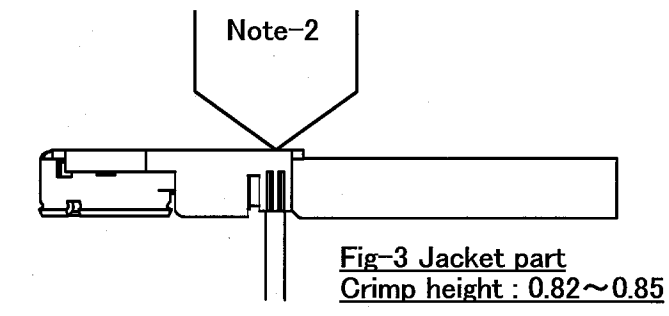
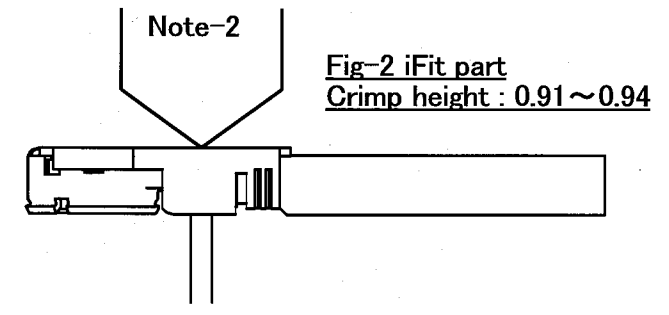
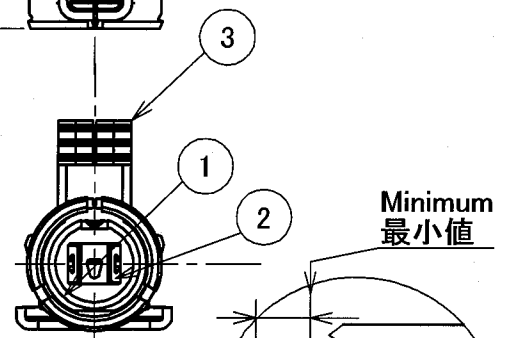
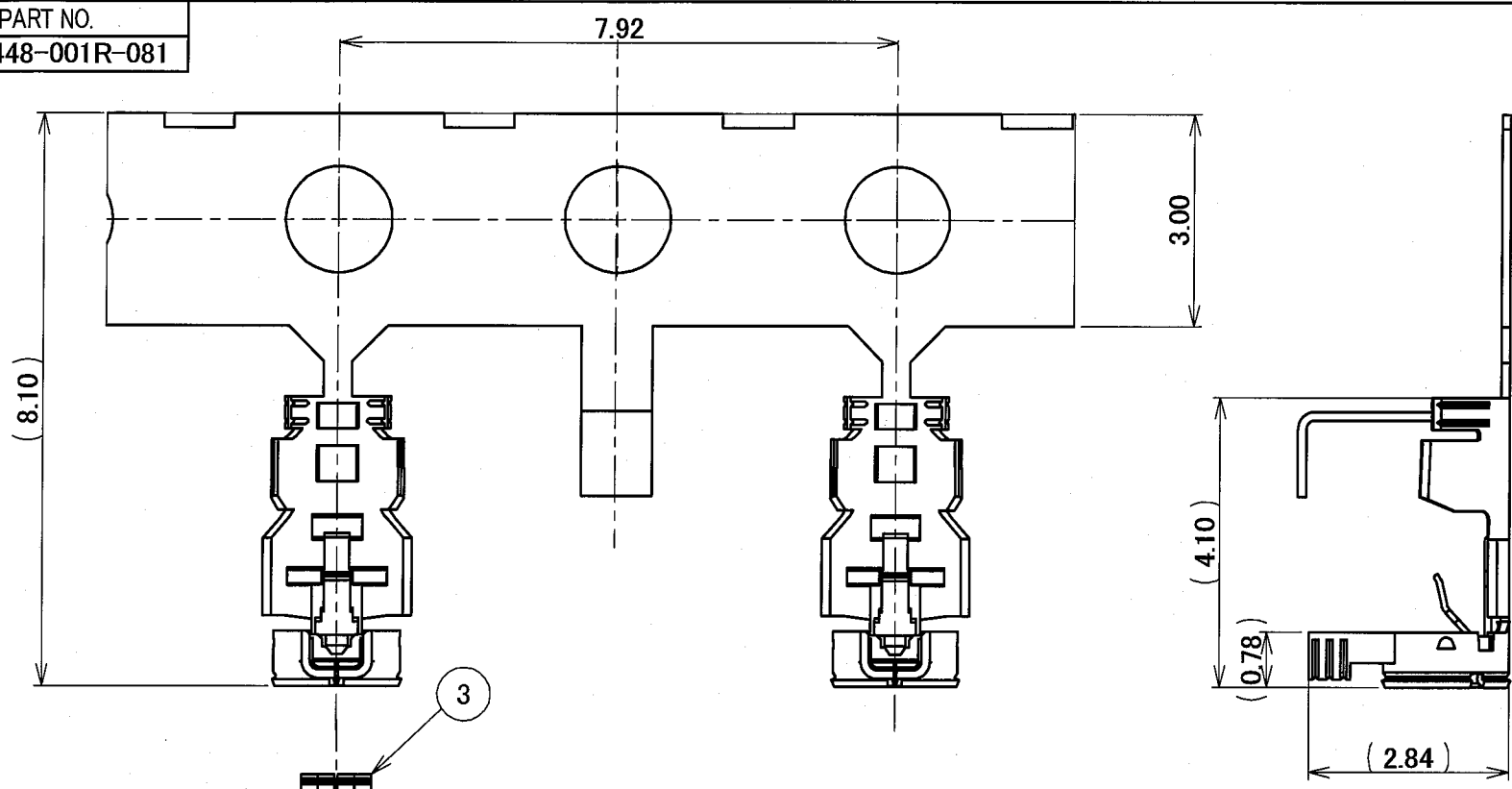


Fig-4 Cable ass'y S=7:1

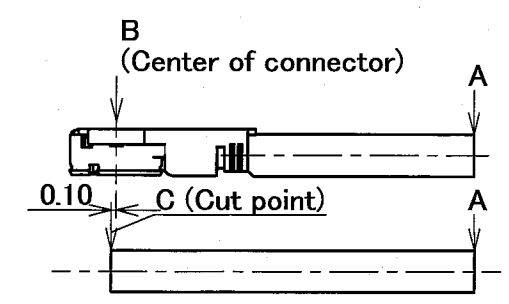


Fig-5 Cable cut length S=7:1

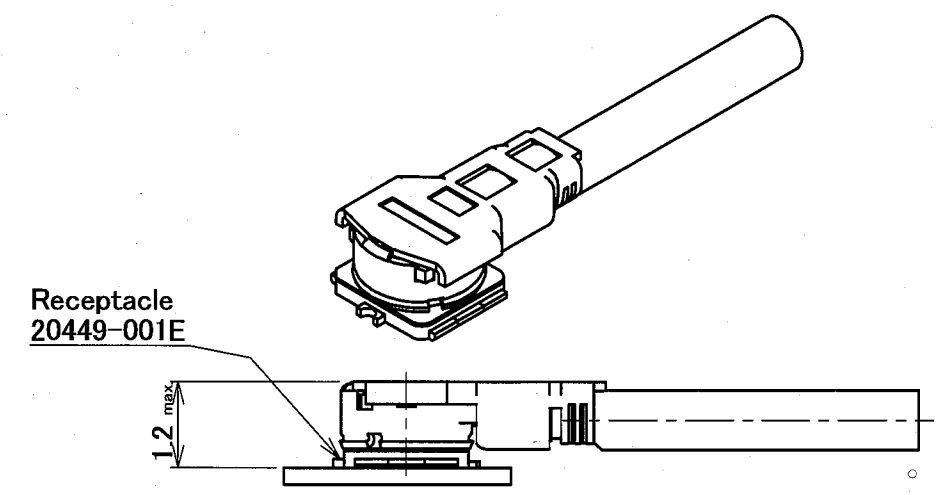


Fig-6 Mating

Notes

1. Must not use solder coated inner conductor and outer conductor.
中心導体,外部導体への半田コーティングは禁止。
2. Use point micrometer.
ポイントマイクロメータ使用の事。
3. Mating partner part No. / 嵌合相手のpart No.
20449-001E

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

DESIGN'D BY K.Ohbayashi	DATE Sep/11/'07		TOKYO, JAPAN	
CHK'D BY	DATE		TITLE MHF4 Connector plug	
REV 1	ECN Z07498	BY K.O	DATE Sep/25/07	APP EK
REV 0	ECN Z07469	BY K.O	DATE Sep/11/'07	APP
APP'D BY T.Harada				
DATE Sep/12/'07				
SERIES No. 2814		CUSTOMER COPY	PROJECTION	SCALE 10:1
				UNIT mm
				DWG. No. 20448
				SHEET 1/2
				REV. 1

PART NO.
20448-001R-081

Notes

1. Material

- ① Housing : PBT, black, UL94V-0
- ② Contact
Phosphor bonze
Gold 0.3 μm Min. over nickel 1 μm Min.
- ③ Ground contact
Phosphor bonze
Gold 0.05 μm Min. over nickel 1.27 μm Min.

2. Packing

Reel

3. Permissible load of cable at mating as Fig-7

4. Suggestions for mating & unmating

4-1 Mating

- 4-1-1 In case of unmating by pushing tool.
Please mate the connector straightly as Fig-8 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 mate at excessive slant angle.
- 4-1-2 In case of unmating by hand.
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 mate at excessive slant angle.

4-2 Unmating

- 4-2-1 In case of unmating by pulling tool.
Please use the pulling tool as Fig-9, and pull plug to vertical direction as directly as possible.
- 4-2-2 In case of unmating directly by hand.
Please catch the catching (as Fig-10) area of plug, and pull to vertical direction as directly as possible.

1. 材質

- (1)ハウジング:PBT, 黒, UL94V-0
- (2)コンタクト
りん青銅
金めっき0.3 μm Min., 下地 ニッケル 1 μm Min.
- (3)グランドコンタクト
りん青銅
金めっき0.05 μm Min., 下地 ニッケル 1.27 μm Min.

2. 梱包

リール梱包

3. コネクタ嵌合時のケーブルに対する荷重 Fig-7参照

4. コネクタ嵌合時, 抜去時の注意

- 4-1 コネクタ嵌合の注意
 - 4-1-1 挿入ジグを用いる場合
プラグとリセプタクルの嵌合軸を合わせ, Fig-8のようにできる限り垂直に挿入して下さい。
極端な斜め挿入は行わないでください。
 - 4-1-2 手で直接嵌合する場合
プラグとリセプタクルの嵌合軸を合わせ, できる限り垂直に挿入して下さい。
極端な斜め挿入は行わないでください。
- 4-2 コネクタ抜去時の注意
 - 4-2-1 抜去ジグを用いる場合
Fig-9のようにできる限り垂直に抜去して下さい。
 - 4-2-2 手で直接抜去する場合
Fig-10の"-catching area"をつかみ, できる限り垂直に抜去して下さい。

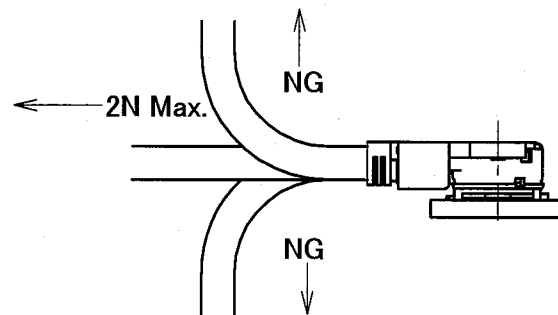


Fig-7

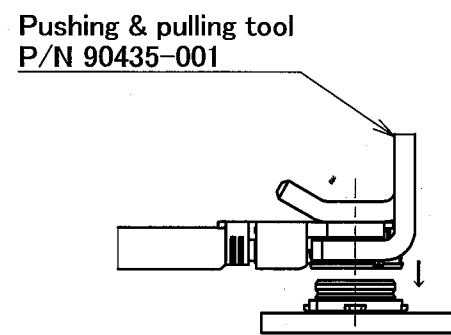


Fig-8

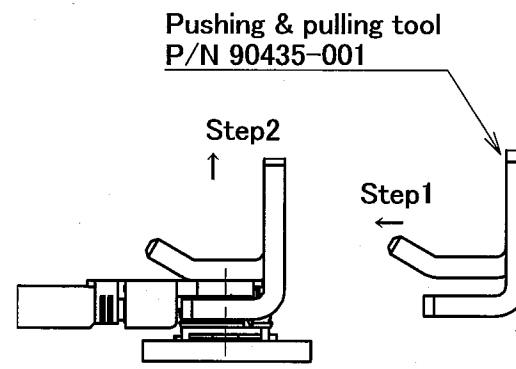


Fig-9

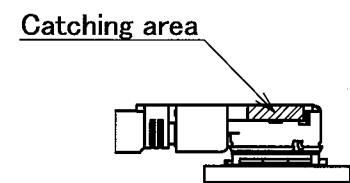




Fig-10

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

<table border="1"> <thead> <tr> <th>REV</th> <th>ECN</th> <th>BY</th> <th>DATE</th> <th>APP</th> </tr> </thead> <tbody> <tr> <td colspan="5">REV.RECORD</td> </tr> <tr> <td colspan="2">SERIES No.</td> <td colspan="3">2814</td> </tr> </tbody> </table>					REV	ECN	BY	DATE	APP	REV.RECORD					SERIES No.		2814			DESIGN'D BY	DATE	 Interconnect and Packaging Electronics TOKYO, JAPAN	
					REV	ECN	BY	DATE	APP														
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SERIES No.		2814																					
CHK'D BY	DATE																						
APP'D BY	DATE																						
CUSTOMER COPY			PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.															
				—	mm	20448	2/2	1															