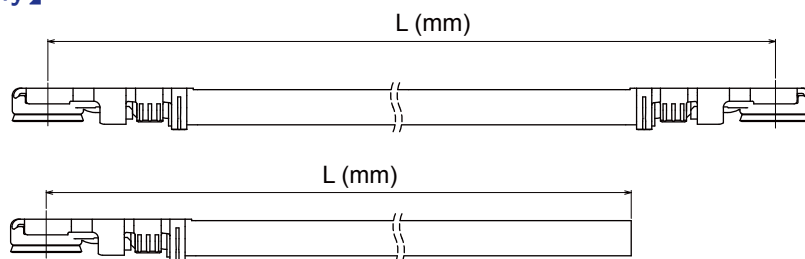


MHF[®] 5 Plug Cable Assembly

Mating profile : 1.00mm MAX. for AWG36 (O.D. 0.81mm / O.D. 0.64mm) Cable
for AWG38 (O.D. 0.48mm) Cable

【Cable Assembly】



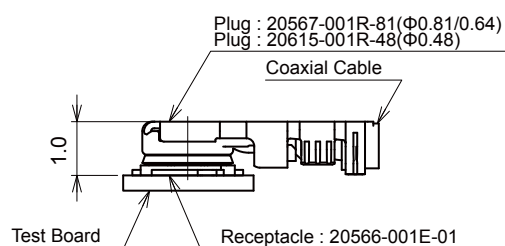
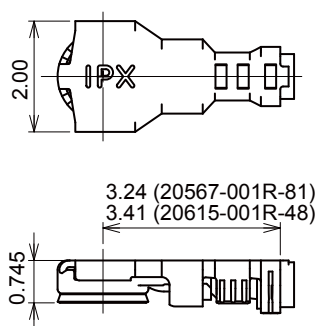
【Part Number】

20567-001 R- 81

20615-001 R- 48

【Applicable Cable gauge】

Part No.	20567-001R-81	20615-001R-48
	ϕ 0.81mm [ϕ 0.64mm]	ϕ 0.48mm
Applicable Cable Nominal Dimension 		
Coaxial Cable	Single Braided Shield [Spiral Shield]	Spiral Shield



MATED VIEW

【Material and Finish】

Parts	Material	Plating / Color
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
GROUND CONTACT	COPPER ALLOY	Au

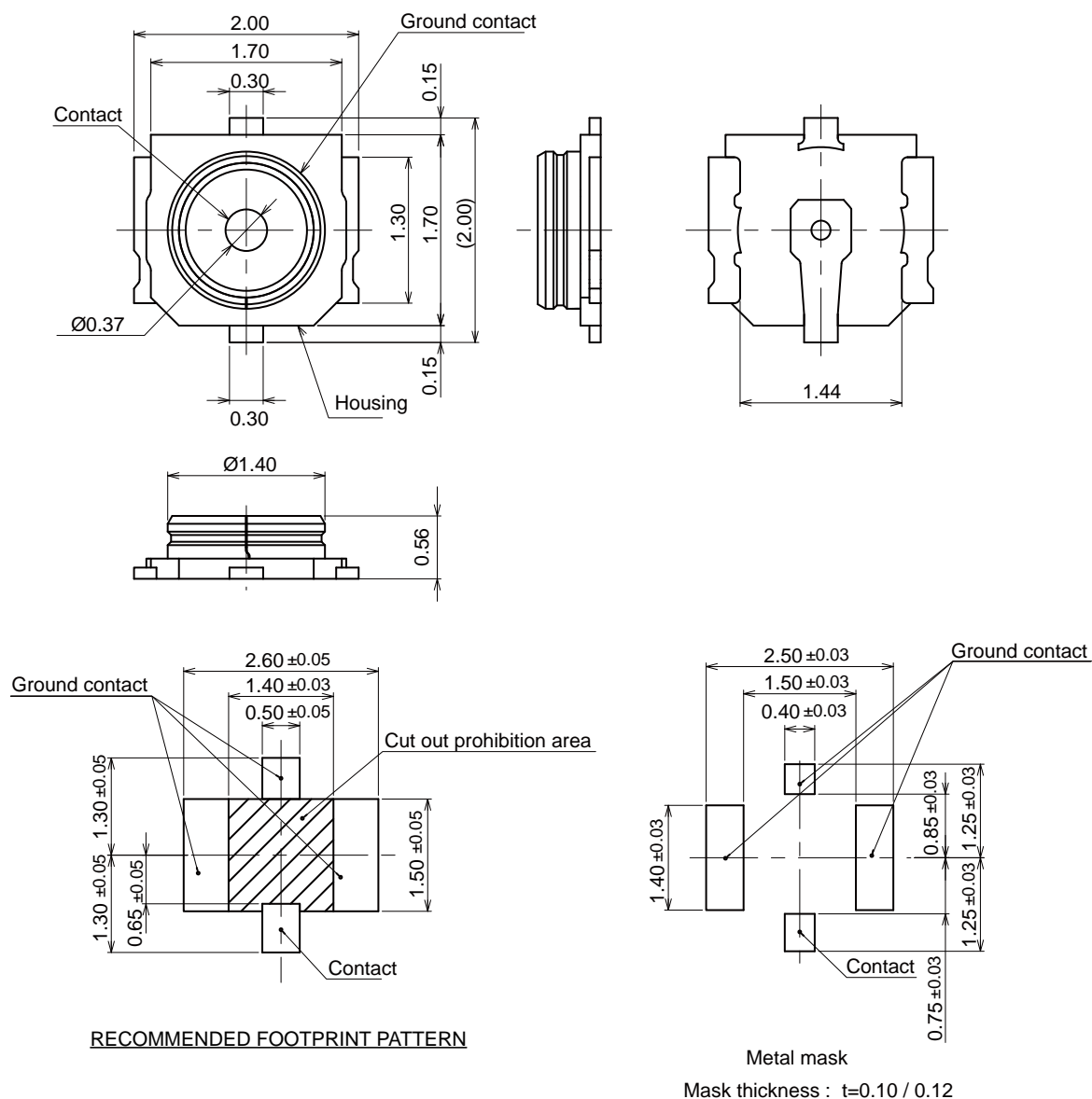
MHF[®] 5 Receptacle

【Part Number】

Ground Contact : **Au Plating**

20566-001 E -01

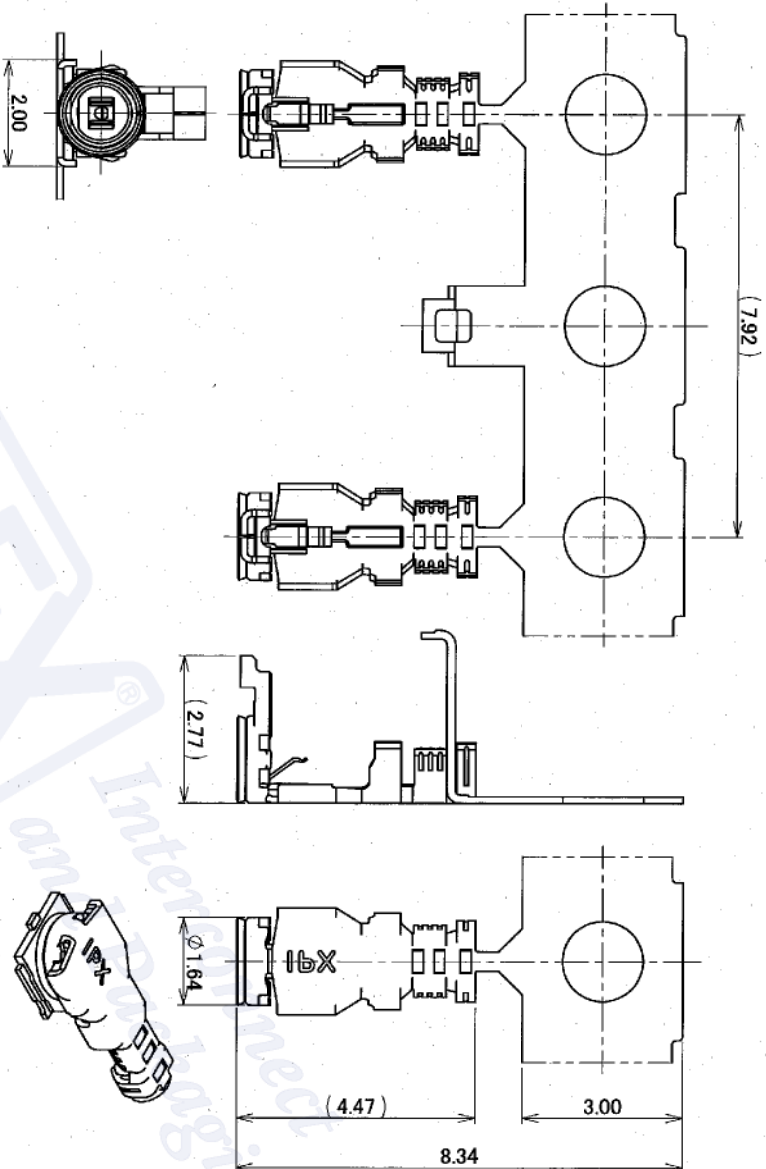
Packing : Emboss Tape
1reel : 10,000pcs



【Material and Finish】

Parts	Material	Plating / Color
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
GROUND CONTACT	COPPER ALLOY	Au

PART No.	Applicable cable	Outer conductor
20567-001R-81	AWG#36 (0.64 O.D.)	Spiral shield
	AWG#36 (0.81 O.D.)	Single braided shield



- Notes
- Material and finish (Plating)
 - Housing LCP (Black) UL94V-0
 - Contact Phosphor bronze : Au over Ni
 - Ground Contact Phosphor bronze : Au over Ni
 - Packing Reel
 - Applicable connector P/N: 20566-001E-01 MHF5 RECEPTACLE ASSY
 - Permissible load of cable at mating
 - Mating and unmating instruction

- Mating

Mate the connector vertically as much as possible, adjusting the mating axis of plug and receptacle. Do not slant mate.
- Unmating

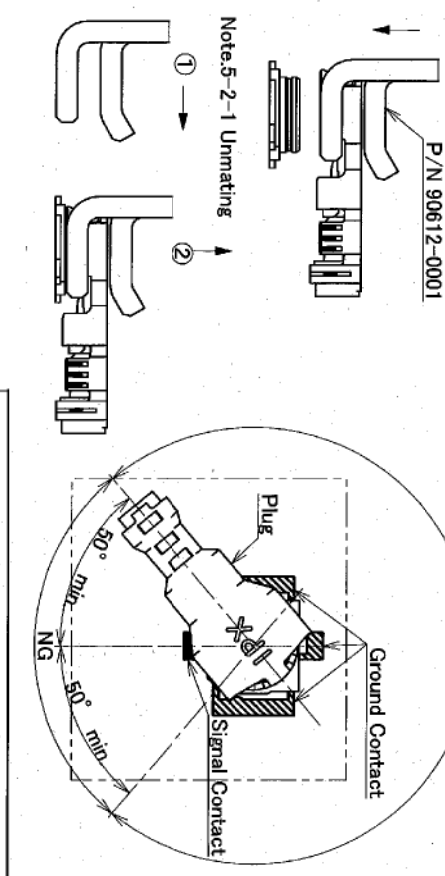
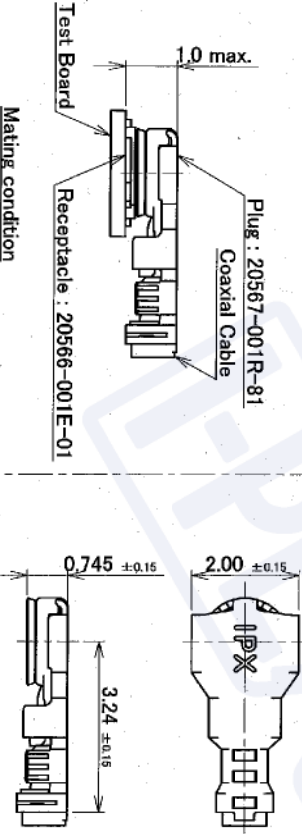
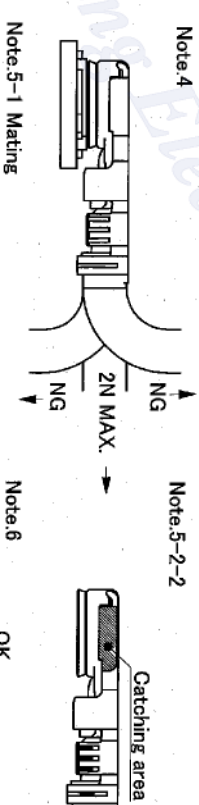
Use the pulling tool as by following drawing, and pull plug to vertical direction as directly as possible.

- In case of unmating by pulling tool (P/N: 90612-0001)

Use the pulling tool as directly as possible.
- In case of unmating directly by hand.

Catch the catching area of plug, and pull plug to vertical direction as directly as possible.
- Precautions for cable position

The Plug shall not be placed within 50 degrees angle from center of the Signal contact.
- Tilt the Plug at least 50 degrees from the center of a signal contact.



IPEX DAICHI SEIKO CO., LTD.
I-Pex Business Company

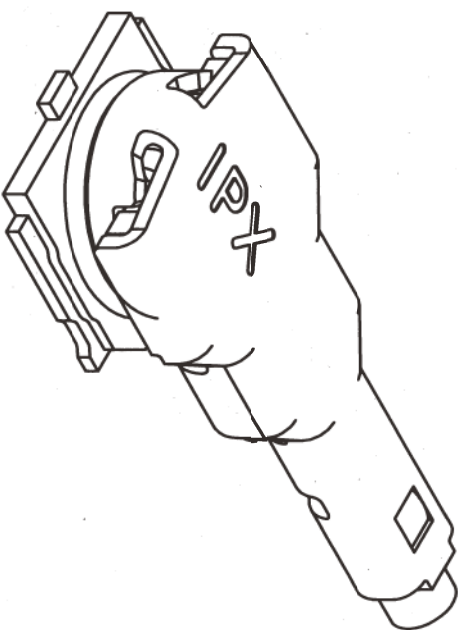
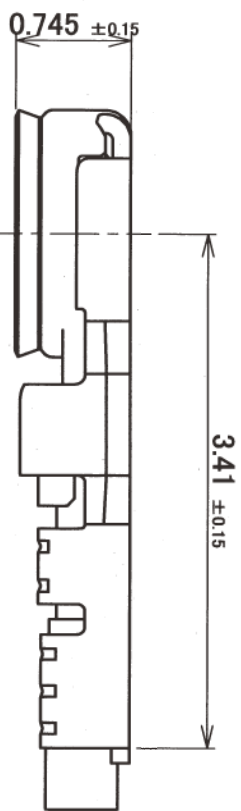
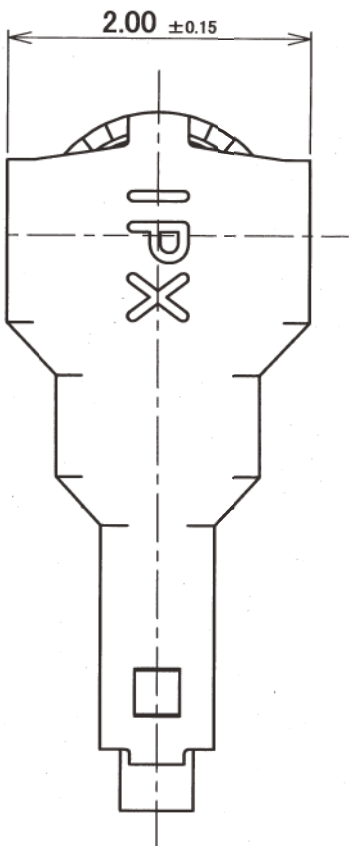
GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

SERIES No.	R5	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
				10:1	mm	20567	1/1	3

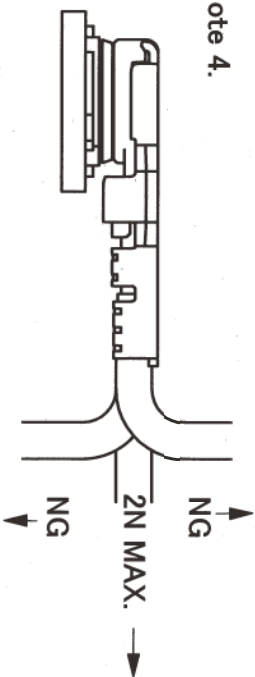
Confidential III C

QKE-DFTD06-02 REV.6

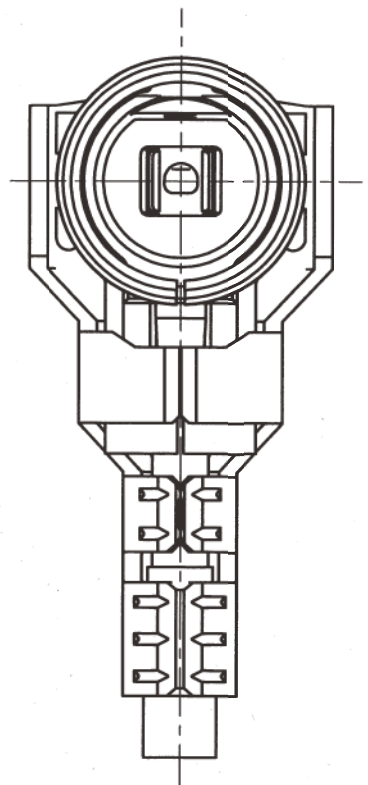
PART No.	Applicable cable	Outer conductor
20615-001R-48	AWG#38 (0.48 O.D.)	Spiral shield



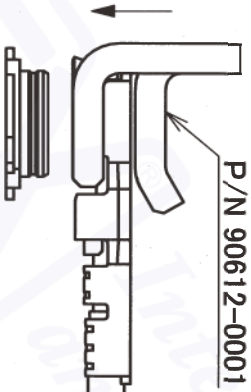
Note 4.



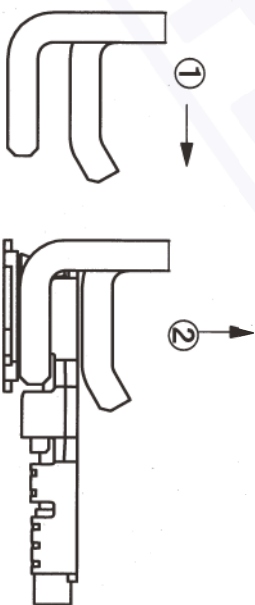
Note 5-1. Mating



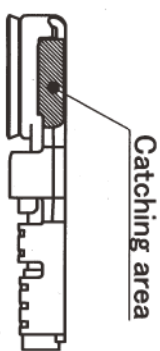
Cable Assembly



Note 5-2-1. Unmating



Note 5-2-2.

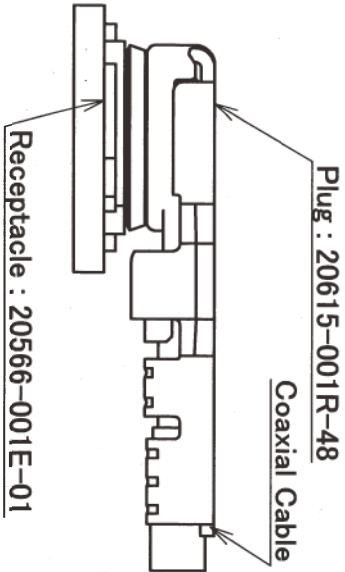
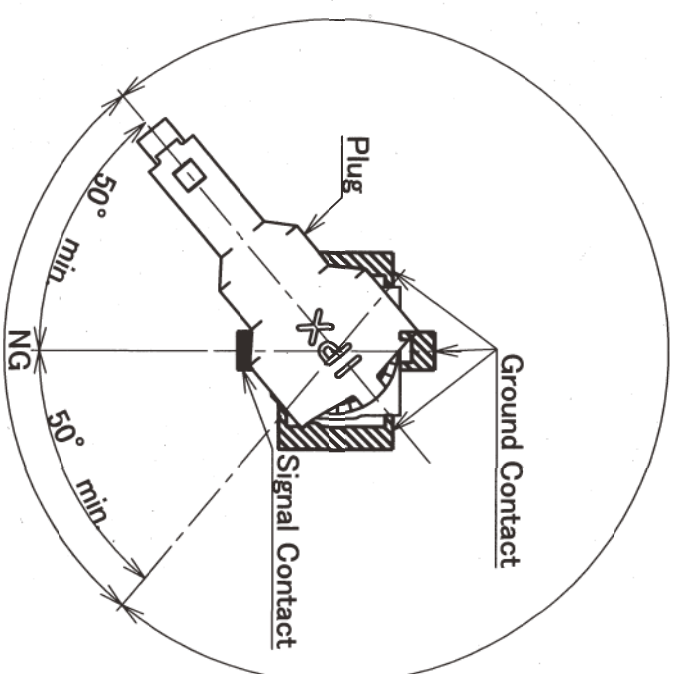


- Notes
- Material and finish(Plating)
①Housing LCP(Black) UL94V-0
②Contact Phosphor bronze : Au over Ni
③Ground Contact Phosphor bronze : Au over Ni
 - Packing Reel
 - Applicable connector
P/N: 20566-001E-01 MHF5 RECEPTACLE ASS'Y
 - Permissible load of cable at mating
 - Mating and unmating instruction
5-1. Mating
Mate the connector vertically as much as possible, adjusting the mating axis of plug and receptacle. Do not slant mate.
5-2. Unmating
5-2-1. In case of unmating by pulling tool(P/N90612-0001)
Use the pulling tool as the following drawing, and pull plug to vertical direction as directly as possible.
5-2-2. In case of unmating directly by hand.
Catch the catching area of plug, and pull plug to vertical direction as directly as possible.

- Precautions for cable position
The Plug shall not be placed within 50 degrees angle from center of the Signal contact.
Tilt the Plug at least 50 degrees from the center of a signal contact.

Note 6.

OK



Mating condition

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

I-PEX DAI-ICHI SEIKO CO.,LTD.
I-Pex Business Company

TITLE
MHF 5 PLUG ASS'Y(0.48)

SERIES No.	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
R1			20:1	mm	20615	1/1	2