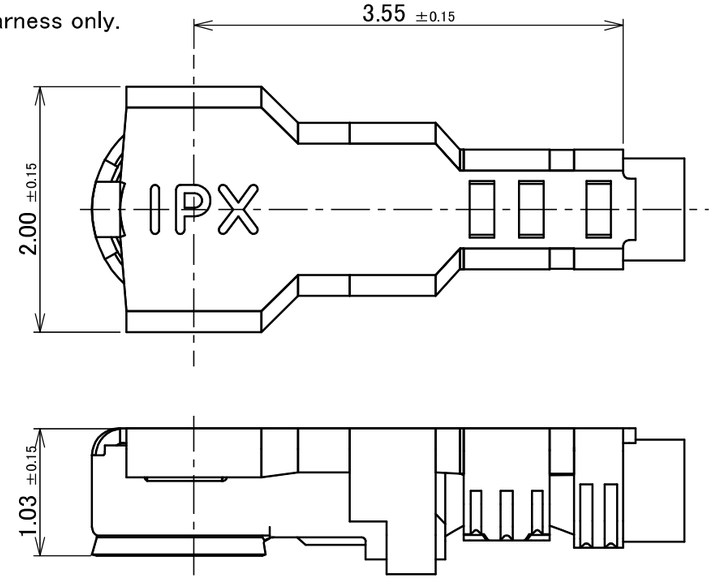
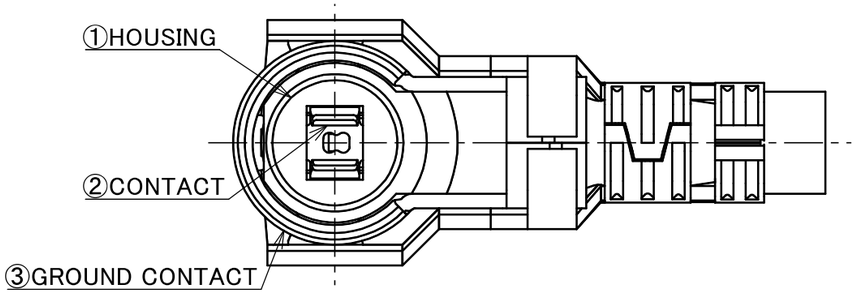
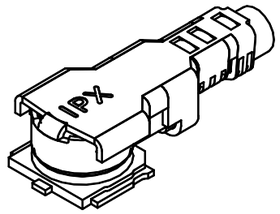
Recommended P/N	20714-001R-81

PART No.
20714-001R-81

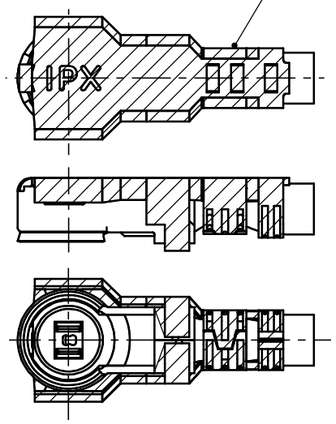
Offered as harness only.







HATCHED AREA: Ni PLATING AREA



Halogen Free

RoHS Compliant

NOTES.
1. APPLICABLE CONNECTOR: 20566-001E-01
2. PERMISSIBLE LOAD OF CABLE AT MATING
3. MATING AND UNMATING INSTRUCTION

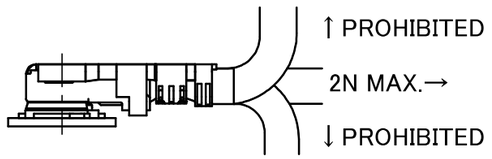
3-1. MATING
MATE THE CONNECTOR VERTICALY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.

3-2. UNMATING

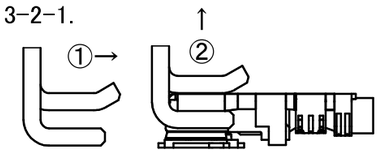
3-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90612-0001)
USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.

3-2-2. IN CASE OF UNMATING DIRECTLY BY HAND
CATCH THE CATCHING AREA OF PLUG, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.

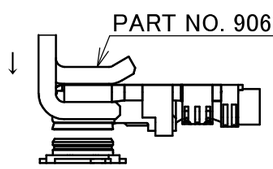
NOTE 2.



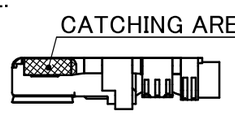
NOTE 3-2-1.

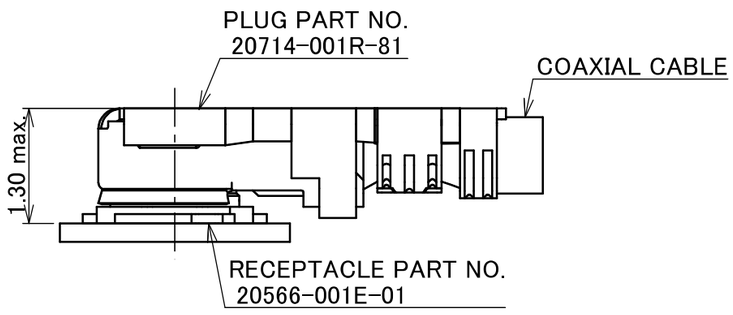


NOTE 3-1.



NOTE 3-2-2.





MATING CONDITION

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00μm MIN. CONTACT PART Au 0.05μm MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00μm MIN. CONTACT PART Au 0.05μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK (GF 30%)

REV.	ECN	BY	DATE	APP.
6	ZC01117	TOI	2026/10/29	Yufu
5	ZC00818	TOI	2026/07/10	Yufu
4	Z220704	TSU	2022/06/21	Y.H
3	Z190991	K.T	2019/07/30	Y.S
2	Z181728	M.N	2018/12/27	Ken
1	Z180759	M.N	2018/09/14	Ken

REVISION RECORD

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1	

GENERAL TOLERANCE.

DWG.	DATE
M.Nomoto	2016/04/28
CHK. Y.Hashimoto	
APP. K.Narita	

TITLE: MHF® 5L
PLUG Ni TOP (0.84)

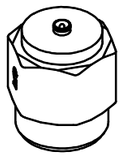
DWG. No. 20714

SCALE	UNIT	SIZE	SHEET	REV.
20:1	mm	A3	1/3	6

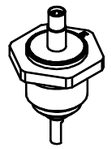
I-PEX

ITEMS	SPECIFICATION
RECOMMENDED APPLICABLE CONNECTOR PART No.	20566-001E-01
RATED VOLTAGE	60 V AC (R.M.S)
RATED FREQUENCY	DC TO 15 GHz
OPERATING TEMPERATURE	233 TO 363 K (-40℃ TO +90℃)
VSWR (MATED WITH SMA ADAPTER PART No. 90543-0001)	1.30 MAX. AT 0.1-3 GHz, 1.40 MAX. AT 3-6 GHz, 1.50 MAX. AT 6-12 GHz, 1.60 MAX. AT 12-15 GHz
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 100 mohm MAX.
INSULATION RESISTANCE	INITIAL: 500 Mohm MIN. / AFTER TEST: 100 Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC, 1 MINUTE
DURABILITY	30 CYCLES
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 5 N MIN. /AFTER TEST: 3 N MIN.
CRIMP STRENGTH	10 N MIN.
PRODUCT SPECIFICATION	PRS-2236
TEST REPORT	TR-16049
INSTRUCTION MANUAL	HIM-16014
APPEARANCE CRITERIA No.	QLS-A***

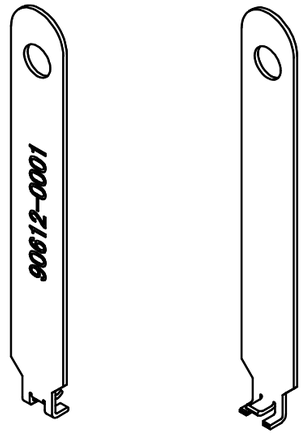
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 5L PLUG Ni TOP (0.84)		–	I-PEX
CHK.						UNIT mm	
APP.				DWG. No. 20714		SIZE A3	SHEET 2/3 REV. 6



MHF 5 SMA ADAPTOR
PART NO. 90543-0001



MHF 5 PLUG INSPECTION CONNECTOR
PART NO. 90586-0002



FRONT SIDE BACK SIDE

MHF 5 MATING AND UNMATING TOOL
PART NO. 90612-0001



MHF 5 MATING TOOL
PART NO. 90624-0001

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 5L PLUG Ni TOP (0.84)		2:1	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20714		A3	3/3 / 6