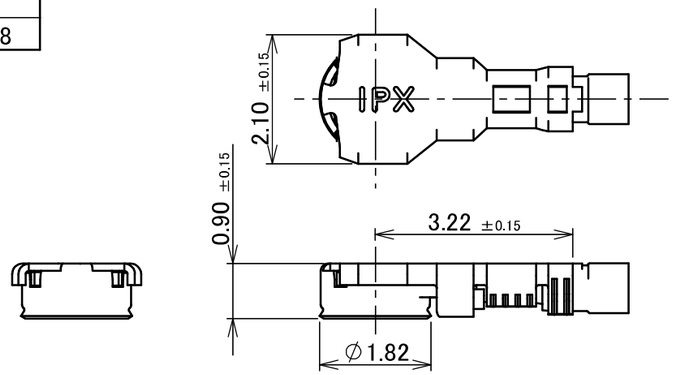
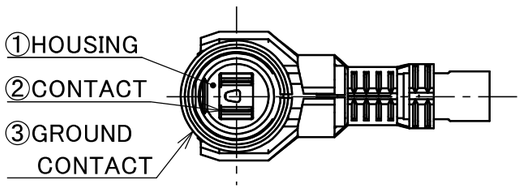
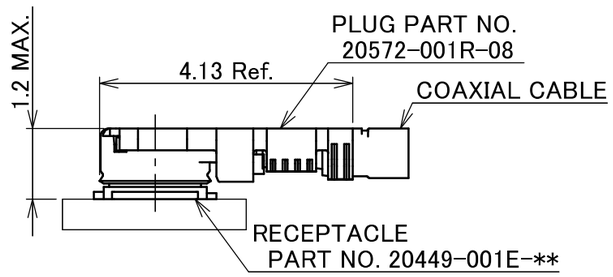
Recommended P/N	20572-001R-08

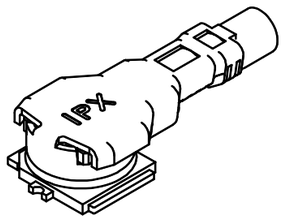
PART NO.
20572-001R-08



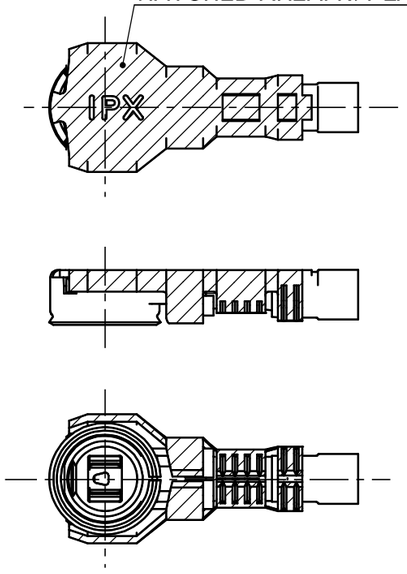




MATING CONDITION



HATCHED AREA: Ni PLATING AREA

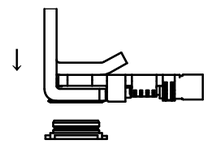


HF Halogen Free

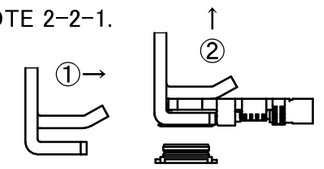
RoHS COMPLIANT RoHS Compliant

NOTES.
1. APPLICABLE CONNECTOR
   20449-001E-**
   20579-001E-**
2. MATING AND UNMATING INSTRUCTION
2-1. MATING
   MATE THE CONNECTOR VERTICALY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
2-2. UNMATING INSTRUCTION
2-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90609-0001)
   USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
2-2-2. IN CASE OF UNMATING DIRECTLY BY HAND
   CATCH THE CATCHING AREA OF PLUG, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.

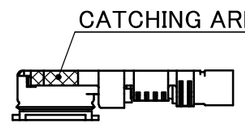
NOTE 2-1.

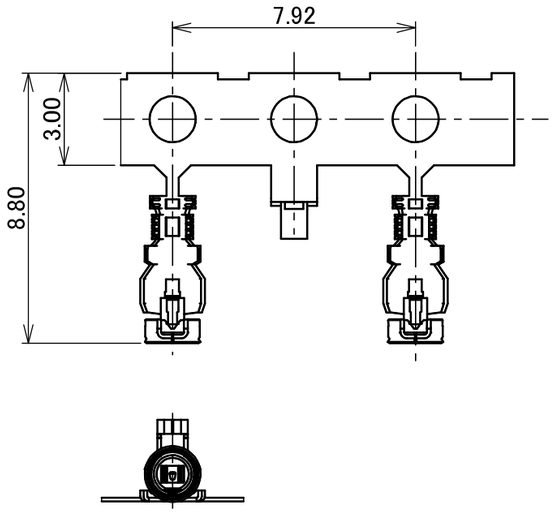


NOTE 2-2-1.



NOTE 2-2-2.





CARRIER CONDITION
S = 5:1

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 0.10μm MIN.
1	HOUSING	PBT	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.
9	ZC01115	TOI	2026/10/29	Yufu
8	Z220982	TOI	2022/08/30	Y.H
7	Z220592	K.W	2022/05/30	Y.H
6	Z201194	TOI	2020/11/18	M.T
5	Z200934	TOI	2020/09/08	M.T
4	Z191019	Haji	2019/08/01	Y.S

REVISION RECORD

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3

GENERAL TOLERANCE.

CUSTOMER COPY

DWG. S.Suzuki DATE 2013/10/03

CHK. K.Yotsutani

APP. T.Takano

TITLE
MHF® 4L
PLUG Ni TOP
(0.81, 0.64)

DWG. No. 20572

SCALE 10:1

UNIT mm

I-PEX

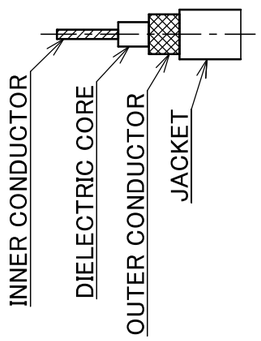
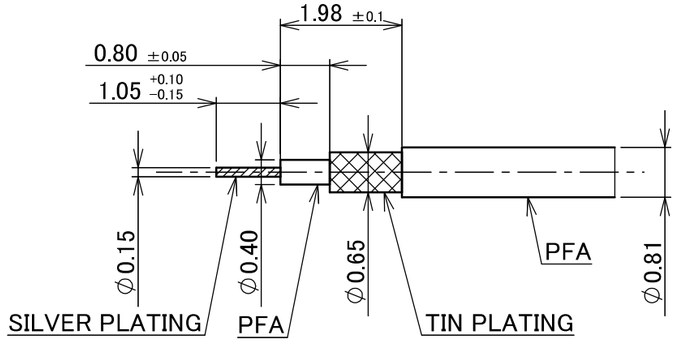
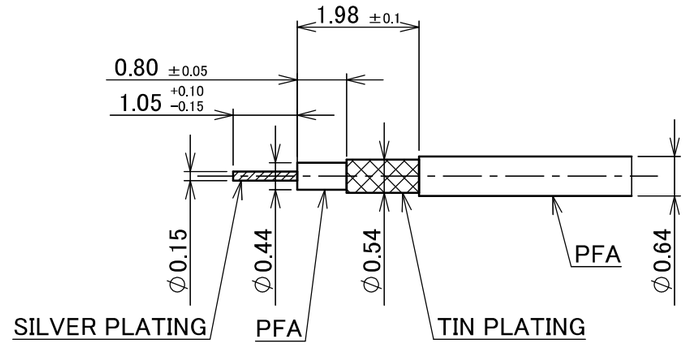
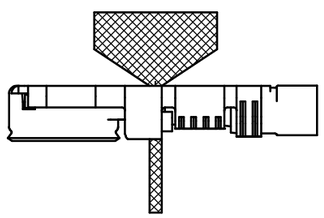
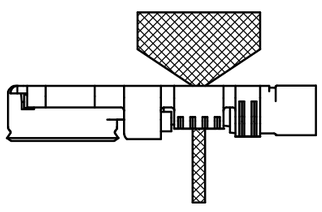
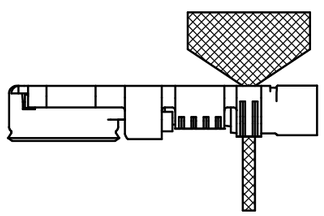
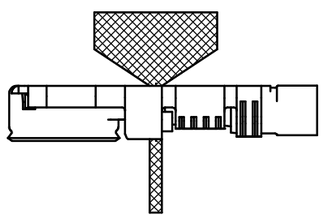
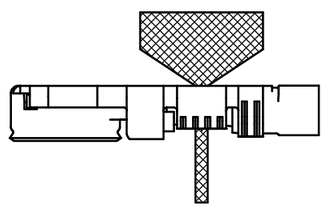
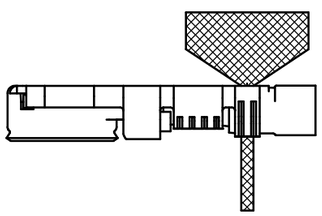
SIZE A3 | SHEET 1/5 | REV. 9

Confidential C

I-PEX Inc.

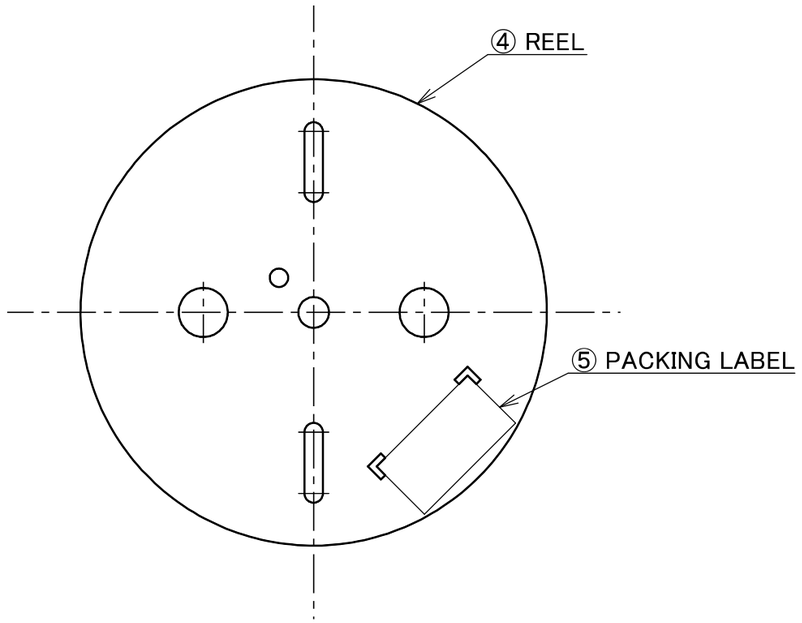
ITEMS	SPECIFICATION	
APLICABLE CABLE	AWG # 36 (0.81 O.D.)	AWG # 36 (0.64 O.D.)
RECOMMENDED CONNECTOR PART No.	20449-001E-**	
RATED VOLTAGE	60 V AC (R.M.S)	
RATED FREQUENCY (MATED WITH MHF 4 RECEPTACLE PART No.20449-001E-**)	DC TO 9 GHz	
OPERATING TEMPERATURE	233 TO 363K (-40℃ TO +90℃)	
VSWR (MATED WITH SMA ADAPTER PART No. 90449-001)	1.30 MAX. AT 0.1-3 GHz, 1.45 MAX. AT 3-6 GHz, 1.60 MAX. AT 6-9 GHz, 1.90 MAX. AT 9-12 GHz	
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 20 mohm MAX.	
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 20 mohm MAX.	
INSULATION RESISTANCE	INITIAL: 500 Mohm MIN. / AFTER TEST: 100 Mohm MIN.	
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC, 1 MINUTE	
DURABILITY	30 CYCLES	
MATING FORCE (INITIAL / AFTER TEST)	INITIAL: 30 N MAX. / AFTER TEST: 30 N MAX.	
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 20 N MAX. 5 N MIN. / AFTER TEST: 20 N MAX. 3 N MIN.	
CRIMP STRENGTH	-	8 N MIN.
PRODUCT SPECIFICATION	PRS-1772	PRS-1944
TEST REPORT	TR-13011	TR-14078
PACKING STANDARD	PST-12066	
INSTRUCTION MANUAL	HIM-12011	
APPEARANCE CRITERIA No.	QLS-A***	

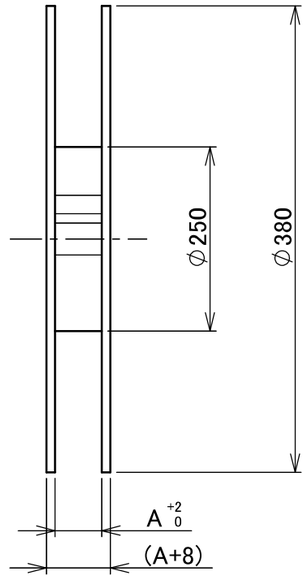
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R3
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		
GENERAL TOLERANCE.				TITLE: MHF® 4L PLUG Ni TOP (0.81, 0.64)	CUSTOMER COPY
DWG. DATE					SCALE: -
CHK.					UNIT: mm
APP.				DWG. No. 20572	SIZE: A3 / SHEET: 2/5 / REV.: 9

PART NO.	20572-001R-08	
APPLICABLE CABLE STRIP DIMENSION 	 ※DO NOT USE SOLDER COATED EITHER INNER OR OUTER CONDUCTOR CABLES.	 ※DO NOT USE SOLDER COATED EITHER INNER OR OUTER CONDUCTOR CABLES.
	NOTES 3.REQUIREMENTS CHARACTERISTIC IMPEDANCE: 50(±3)ohm BY TDR METHOD NOMINAL CAPACITANCE (REFERENCE VALUE): 96pF/m CONDUCTOR RESISTANCE OF INNER CONDUCTOR AT 293 (REFERENCE): OD 0.81 TYPE/OD 0.64 TYPE・・・1400ohm/km INSULATION RESISTANCE: OD 0.81 TYPE/OD 0.64 TYPE・・・ 1000Mega-ohm.km MIN. DIELECTRIC WITH STANCE VOLTAGE: OD 0.81 TYPE・・・NO BREAKDOWN AT AC 1500V FOR 1 MINUTES. OD 0.64 TYPE・・・NO BREAKDOWN AT AC 500V FOR 1 MINUTES.	
BRAIDED SHIELD OF OUTER CONCUCTOR	SINGLE BRAIDED SHIELD	SINGLE SPIRAL SHIELD
PART NO. OF SEMI AUTO TERMINATION MACHINE	90599-008	90599-006
CRIMP HEIGHT	 CH-1 (i-Fit® PART) 0.83～0.87	 CH-2 (SHIELD PART) 0.76～0.80
	 CH-3 (JACKET PART) 0.92～0.96	 CH-1 (i-Fit® PART) 0.81～0.85
	 CH-2 (SHIELD PART) 0.73～0.77	 CH-3 (JACKET PART) 0.71～0.75
	※USE FOR POINT MICROMETER.	※USE FOR POINT MICROMETER.

ANGLE ±2°	6 OVER 30 MAX. ±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX. ±0.2	30 OVER 120 MAX. ±0.5		R3		
GENERAL TOLERANCE.		TITLE		SCALE	
DWG. DATE		MHF® 4L PLUG Ni TOP (0.81, 0.64)		–	I-PEX
CHK.				UNIT mm	
APP.		DWG. No. 20572		SIZE A3	SHEET 3/5 REV. 9

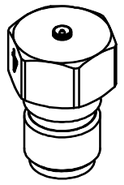
PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20572-001R-08	15	3,000 / REEL	7 REELS / CARTON = 21,000 PIECES



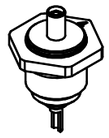


NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	PACKING LABEL	–	–
4	REEL	PP	–

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6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 4L PLUG Ni TOP (0.81, 0.64)		–	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20572		A3	4/5 / 9



MHF 4 (4L) SMA ADAPTOR
PART NO. 90449-001



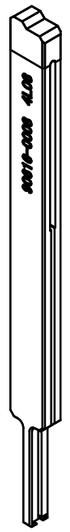
MHF 4 (4L) INSPECTION CONNECTOR
PART NO. 90449-003-01





FRONT SIDE BACK SIDE

MHF 4L PUSHING AND PULLING TOOL
PART NO. 90609-0001



MHF 4L 08TYPE MATING AND UNMATING TWEEZER
PART NO. 90616-0008

S = 1:1

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.	DATE			MHF® 4L PLUG Ni TOP (0.81, 0.64)		2:1	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20572		A3	5/5 / 9