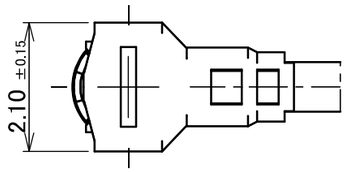
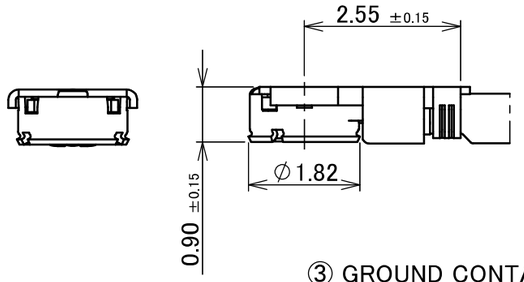
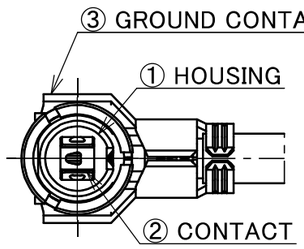
Recommended P/N	20611-001R

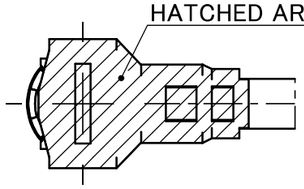
PART NO.
20611-001R



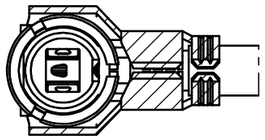


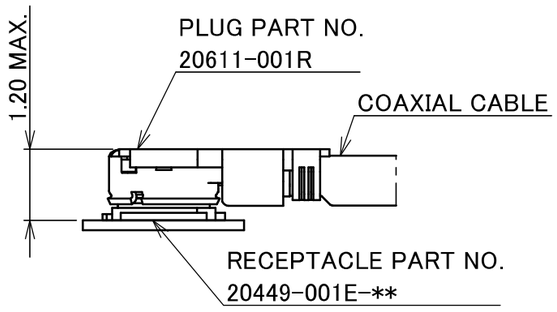


CABLE ASSEMBLY

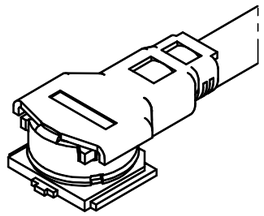








MATING CONDITION

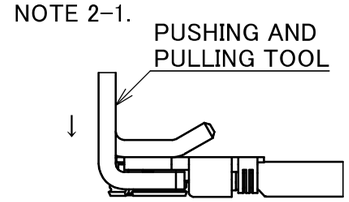


Halogen Free

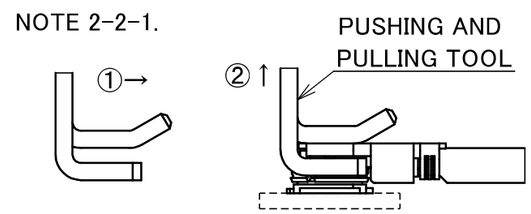
RoHS Compliant

NOTES
1. APPLICABLE CONNECTOR: 20449-001E-**
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
2-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90435-001)
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 TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
3. PERMISSIBLE LOAD OF CABLE AT MATING

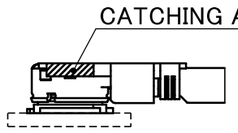
NOTE 2-1.



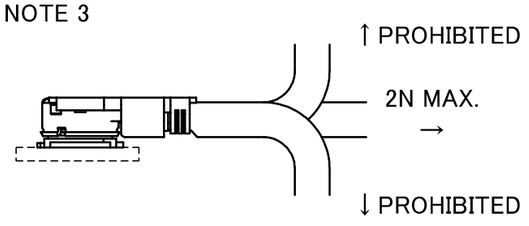
NOTE 2-2-1.

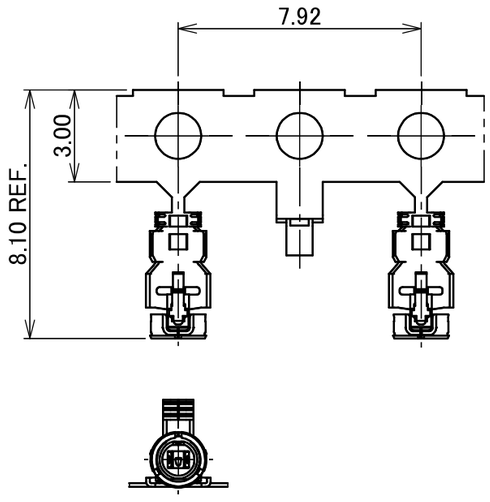


NOTE 2-2-2.

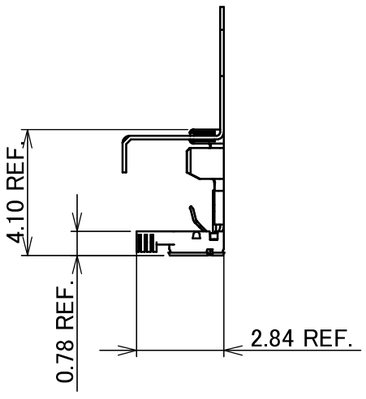


NOTE 3





CARRIER CONDITION
S = 5:1



NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.02 μm MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.03 μm MIN.
1	HOUSING	PBT	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.
4	ZC01114	TOI	2026/10/28	Yufu
3	Z220591	Y.I	2022/05/27	Y.H
2	Z191350	SEI	2019/10/07	Y.S
1	Z181420	Y.I	2018/11/07	Ken
0	Z151253	Yufu	2015/12/23	–

REVISION RECORD

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

GENERAL TOLERANCE.

PROJECTION	
SERIES No.	R2
DWG.	K.Yufu
DATE	2015/12/23
CHK.	–
APP.	K.Yotsutani
DWG. No.	20611

CUSTOMER COPY

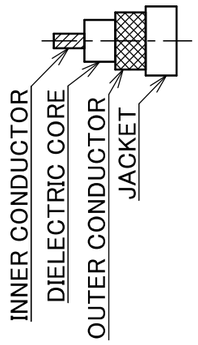
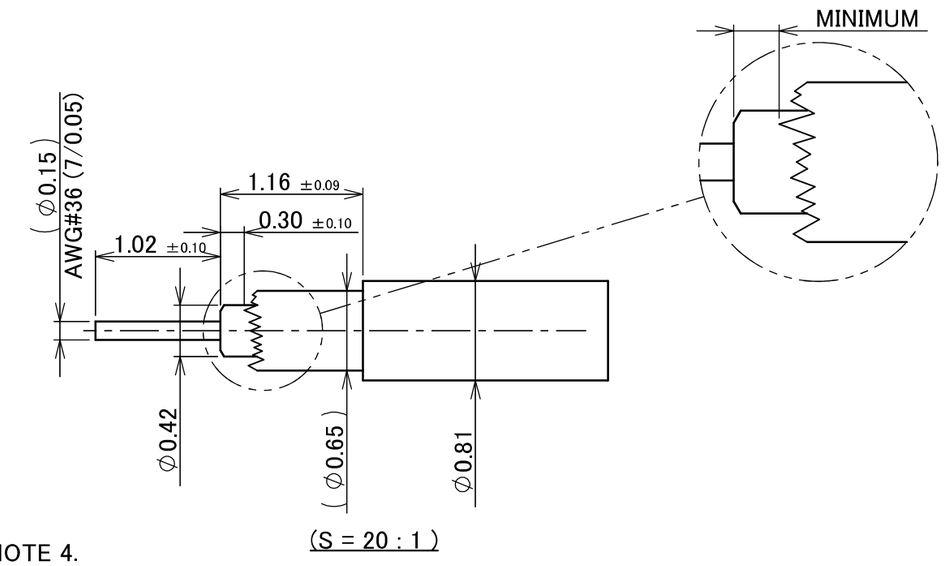
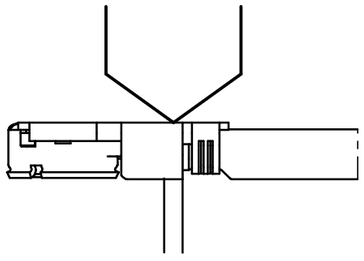
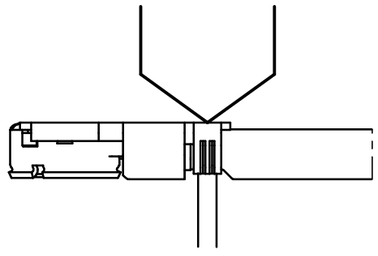
TITLE
MHF® 4
PLUG Ni TOP (0.81)

SCALE	10:1
UNIT	mm
SIZE	A3
SHEET	1/5
REV.	4

I-PEX

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART NO.	20449-001E-**
RATED VOLTAGE	60 V AC (R.M.S) / DC
RATED FREQUENCY	DC TO 9GHz
OPERATING TEMPERATURE	233 TO 363 K (-40℃ TO +90℃)
VSWR (MATED WITH SMA ADAPTER PART No. 90449-001)	1.30 MAX. AT 0.1-3GHz, 1.50 MAX. AT 3-6GHz, 2.00 MAX. AT 6-9GHz
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: 4 N MIN. / AFTER TEST: 2 N MIN.
CRIMP STRENGTH	5 N MIN.
PRODUCT SPECIFICATION	PRS-2530
TEST REPORT	TR-18086
PACKING STANDARD	300-591
INSTRUCTION MANUAL	HIM-10003
APPEARANCE CRITERIA No.	QLS-A***

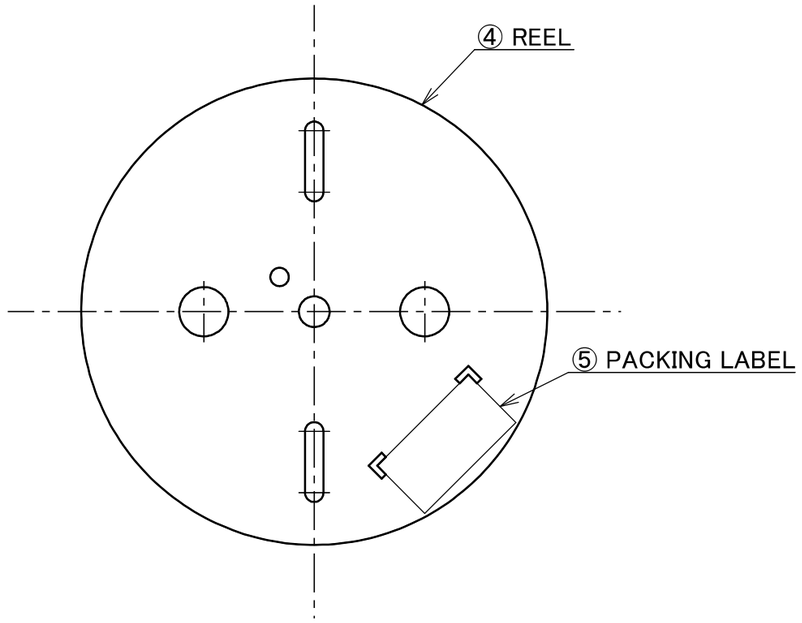
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 4 PLUG Ni TOP (0.81)		–	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20611		A3	2/5 / 4

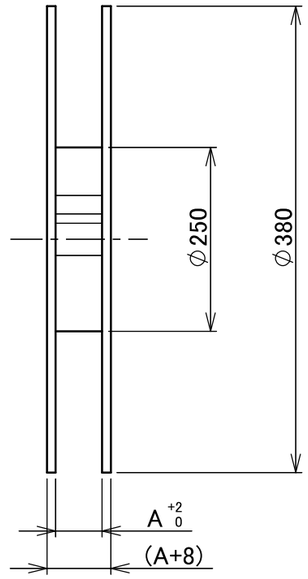
PART No.	20611-001R
APPLICABLE CABLE STRIP DIMENSION	  (S = 20 : 1) SEE NOTE 4.
BRAIDED SHIELD OF OUTER CONDUCTOR	SINGLE BRAIDED SHIELD
CRIMP HEIGHT	 SEE NOTE 5. i-Fit® PART 0.91～0.94
	 SEE NOTE 5. JACKET PART 0.82～0.85

NOTES.
4. DO NOT USE SOLDER COATED EITHER INNER OR OUTER CONDUCTOR CABLES.
5. USE 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		R2		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 4 PLUG Ni TOP (0.81)		–	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20611		A3	3/5 / 4

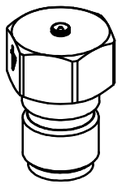
PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20611-001R	15.0	3,000 PIECES / REEL	7 REELS / CARTON = 21,000 PIECES





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

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.	DATE			MHF® 4 PLUG Ni TOP (0.81)		–	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20611		A3	4/5 / 4



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



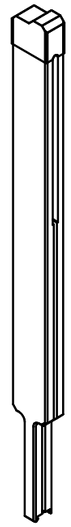
MHF 4 (4L) INSPECTION CONNECTOR
PART NO. 90449-003-01





FRONT SIDE BACK SIDE

MHF 4 PUSHING AND PULLING TOOL
PART NO. 90435-001



MHF 4 MATING AND UNMATIING TWEEZER
PART NO. 90482-001

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		R2		
GENERAL TOLERANCE.		TITLE		SCALE	
DWG. DATE		MHF® 4 PLUG Ni TOP (0.81)		2:1	I-PEX
CHK.				UNIT mm	
APP.		DWG. No. 20611		SIZE A3	SHEET 5/5 REV. 4