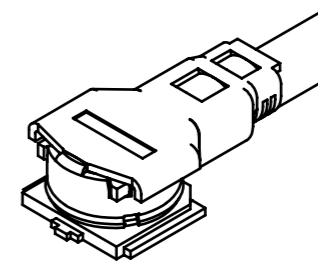


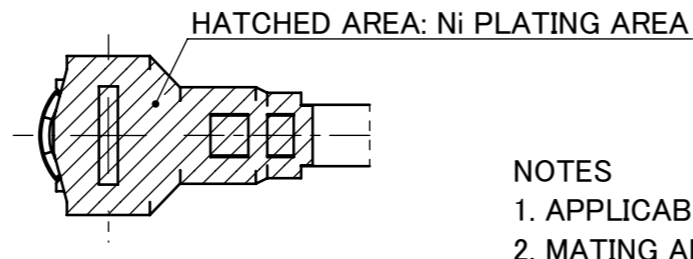
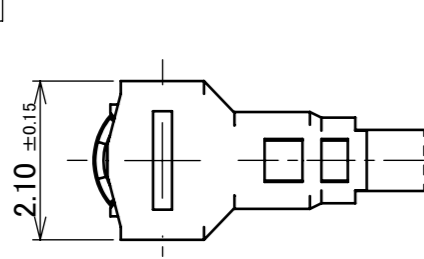
PART NO.
20611-001R



Halogen Free



RoHS Compliant



NOTES

1. APPLICABLE CONNECTOR: 20449-001E-**

2. MATING AND UNMATING INSTRUCTION

2-1. MATING

MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE. ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.

2-2. UNMATING

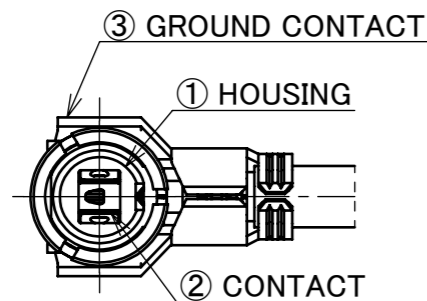
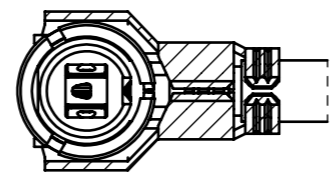
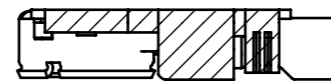
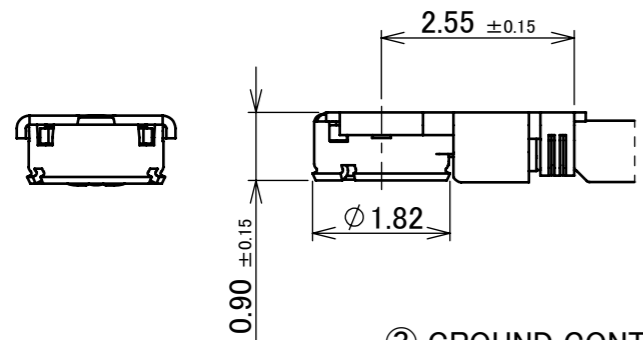
2-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90435-001)

USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.

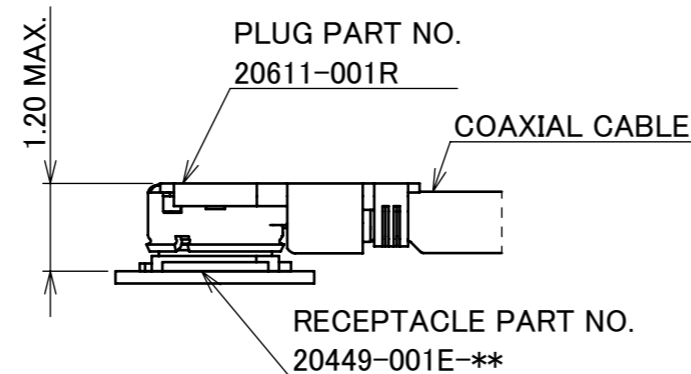
2-2-2. IN CASE OF UNMATING DIRECTLY BY HAND.

CATCH THE CATCHING AREA OF PLUG, AND PULL TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.

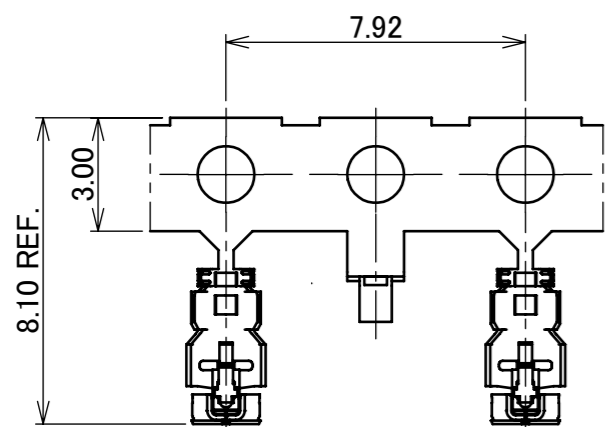
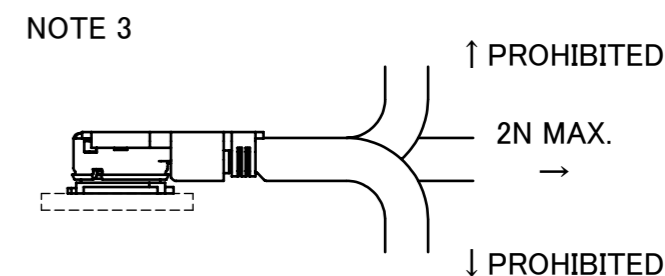
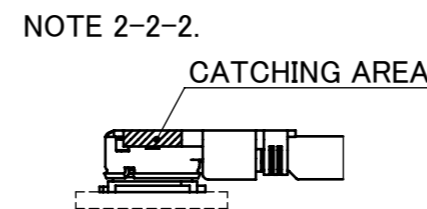
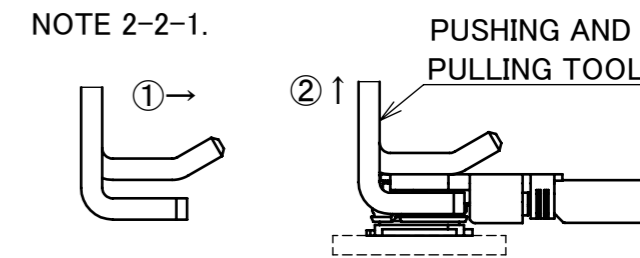
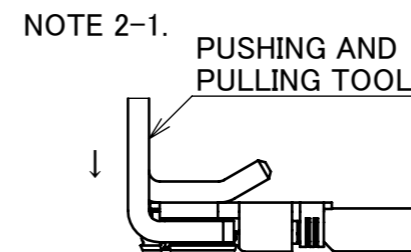
3. PERMISSIBLE LOAD OF CABLE AT MATING



CABLE ASSEMBLY

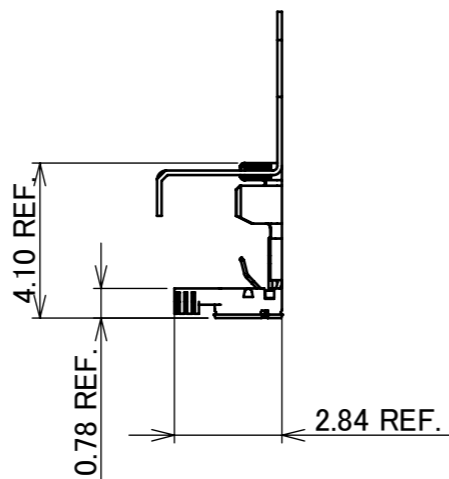


MATING CONDITION



CARRIER CONDITION

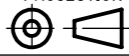
S = 5:1

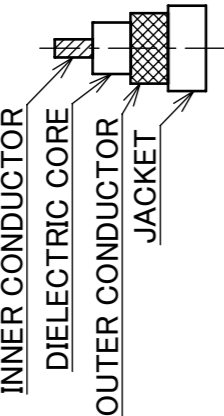
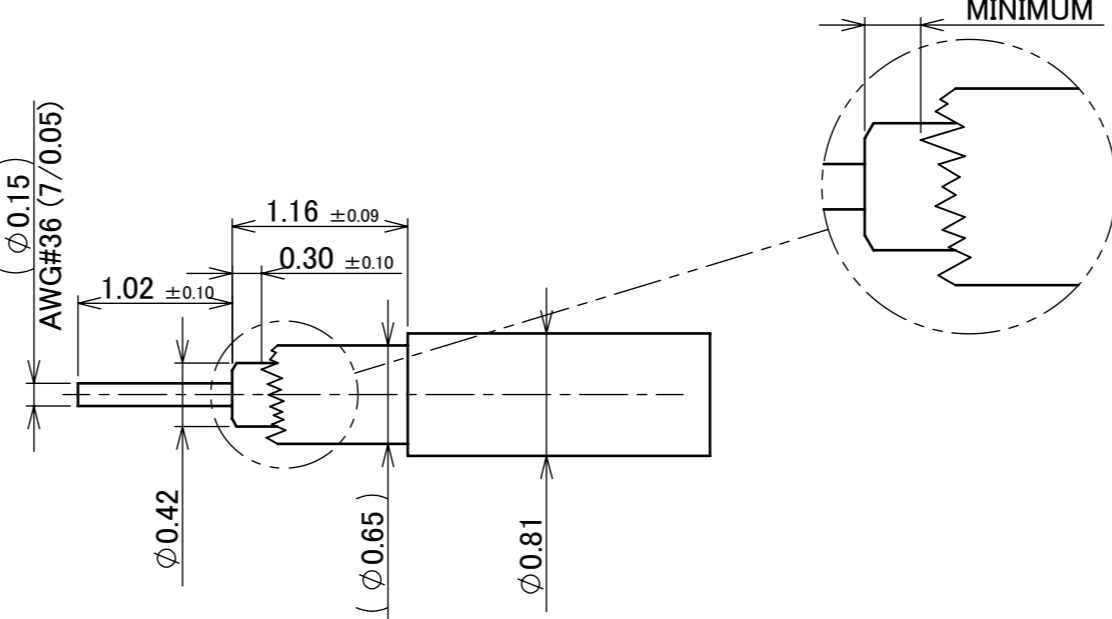
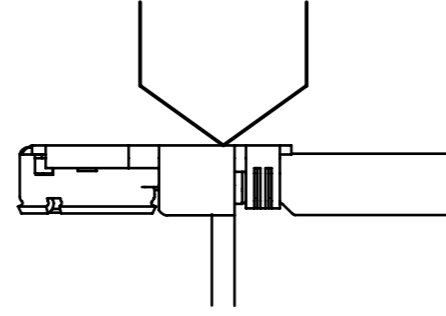
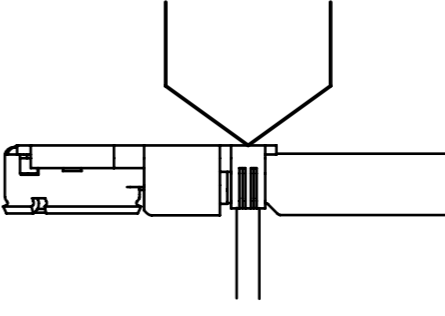


NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.02 μm MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.03 μm MIN.
1	HOUSING	PBT	UL94V-0, BLACK

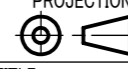
REV.	ECN	BY	DATE	APP.	APP.	ANGLE	PROJECTION	SERIES No.	CUSTOMER COPY
REVISION RECORD						±2° 6 OVER 30 MAX. ±0.3 6 MAX. ±0.2 30 OVER 120 MAX. ±0.5		R2	I-PEX
3	Z220591	Y.I	2022/05/27	Y.H	GENERAL TOLERANCE.	MHF® 4 PLUG NI TOP (0.81)		SCALE 10:1	
2	Z191350	SEI	2019/10/07	Y.S	DWG. K.Yufu	DATE 2015/12/23	TITLE MHF® 4 PLUG NI TOP (0.81)		UNIT mm
1	Z181420	Y.I	2018/11/07	Ken	CHK.	DWG. No. 20611		SIZE A3	SHEET 1/5
0	Z151253	Yufu	2015/12/23			REV. 3			

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART NO.	20449-001E-**
RATING VOLTAGE	60 V AC (R.M.S) / DC
RATING FREQUENCY	DC~9GHz
OPERATING TEMPERATURE	233~363 K (-40°C~+90°C)
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: Δ R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: Δ 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***

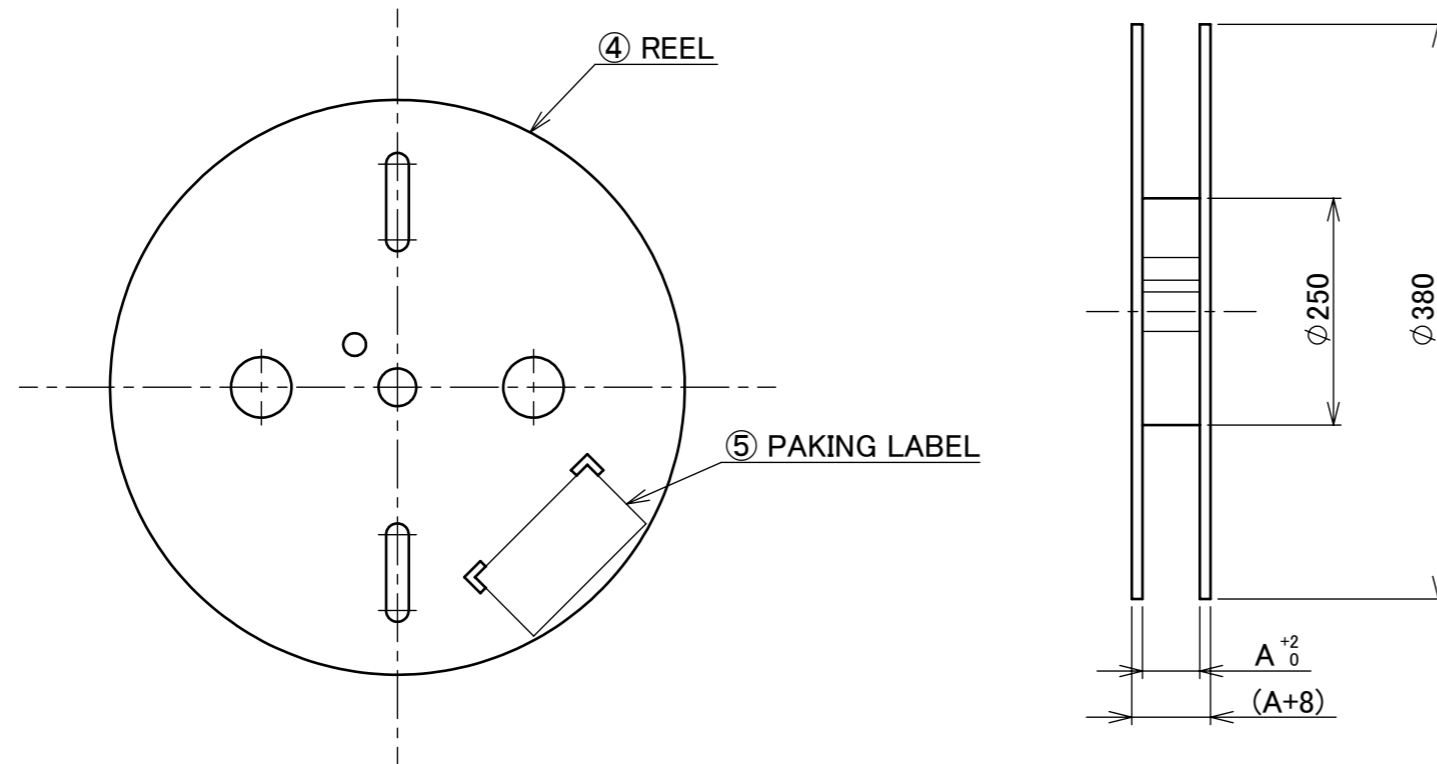
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF® 4 PLUG NI TOP (0.81)	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20611	SIZE A3	SHEET 2/5	REV. 3

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

NOTES.
4. MUST NOT USE SOLDER COATED INNER CONDUCTOR AND OUTER CONDUCTOR.
5. USE POINT MICROMETER.

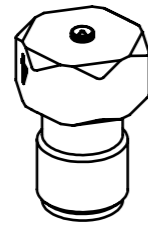
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® 4 PLUG NI TOP (0.81)	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20611	SIZE A3	SHEET 3/5	REV. 3

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

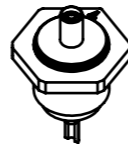


5	PACKING LABEL	-	-
4	REEL	PP	-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® 4 PLUG NI TOP (0.81)	SCALE -	UNIT mm		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20611	SIZE A3	SHEET 4/5	REV. 3



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

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® 4 PLUG NI TOP (0.81)	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20611	SIZE A3	SHEET 5/5	REV. 3