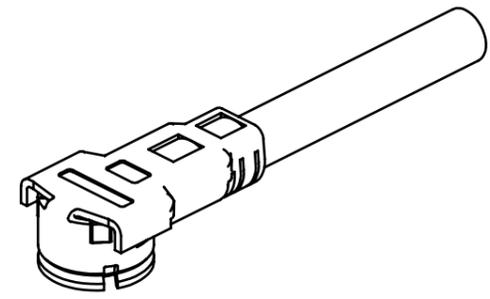
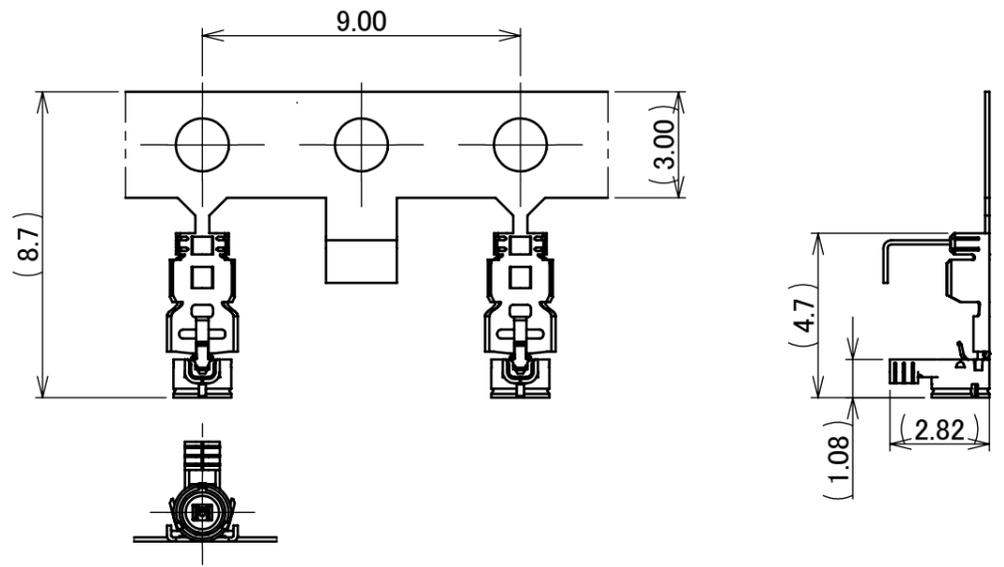
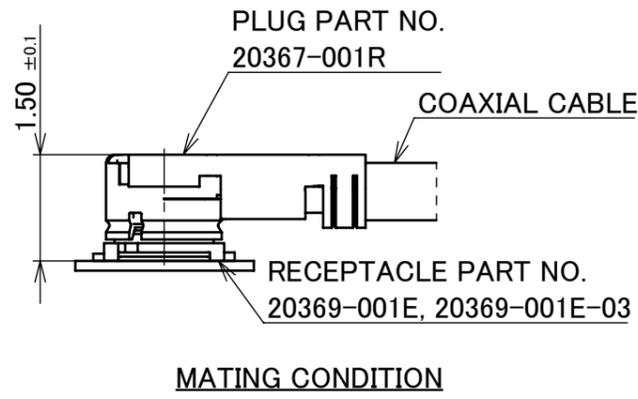
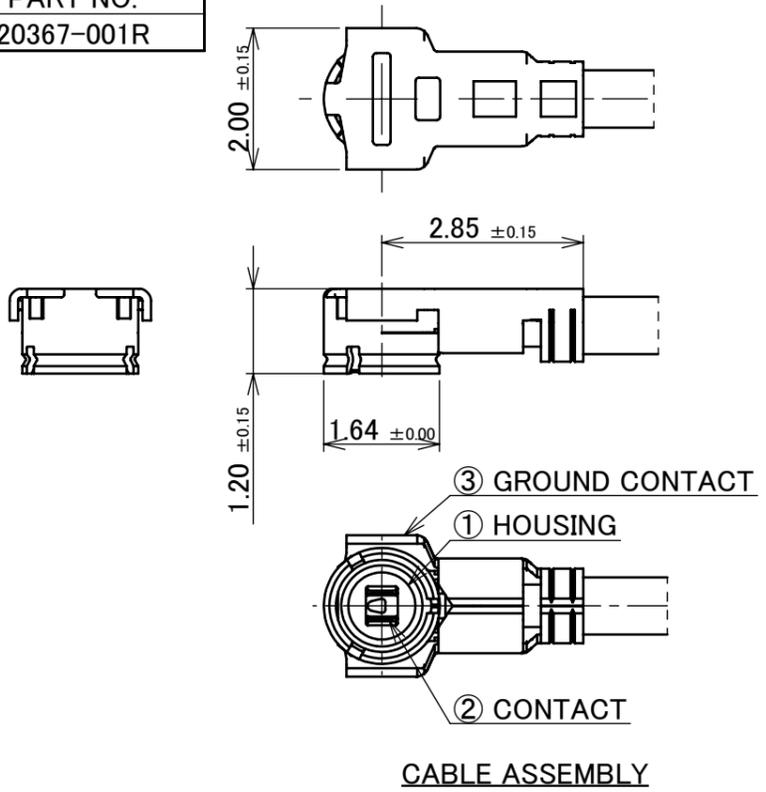
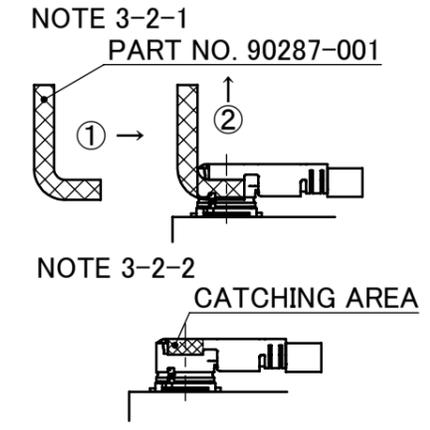
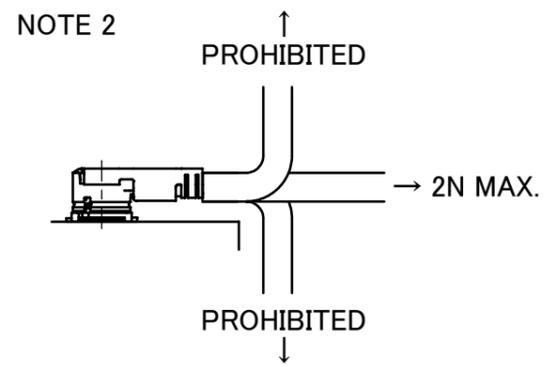


PART NO.
20367-001R



NOTES.

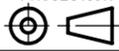
1. APPLICABLE CONNECTOR: 20369-001E, 20369-001E-03
2. PERMISSIBLE LOAD OF CABLE AT MATING.
3. MATING AND UNMATING INSTRUCTION
 - 3-1. MATING
MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
 - 3-2. UNMATING
 - 3-2-1. IN CASE OF UNMATING BY PULLING TOOL (P/N : 90287-001).
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.



3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.05 μm MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.10 μm MIN.
1	HOUSING	LCP	UL94V-0, WHITE
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

9	Z220702	TSU	2022/06/21	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R9	CUSTOMER COPY	
8	Z181727	Y.I	2015/12/27	TAK	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5				
7	Z150656	S.T	2015/06/12	Tom	GENERAL TOLERANCE.			TITLE MHF® III PLUG	SCALE 10:1	UNIT mm	I-PEX	
6	Z12104	H.M	2012/02/09	E.K	DWG.	DATE						2004/05/01
5	Z12059	J.T	2012/01/25	E.K	T.Takano							
4	Z06046	TAK	2006/01/31	E.K	CHK.	T.Harada		DWG. No. 20367	SIZE A3	SHEET 1/5	REV. 9	
REV.	ECN	BY	DATE	APP.	APP.	K.Katabuchi						
REVISION RECORD												

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20369-001E
RATING VOLTAGE	60 V AC (R.M.S)
RATING FREQUENCY	DC ~ 9 GHz
OPERATING TEMPERATURE	233 ~ 363 K(-40°C ~ +90°C)
VSWR (MATED WITH SMA ADAPTER PART No. 90285-001)	1.30 MAX. AT 0.1~3 GHz, 1.50 MAX. AT 3~6 GHz, 1.70 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 20 mohm MAX.
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 200 V 1 MINUTE
DURABILITY	30 CYCLES
TOTAL UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 4 N MIN. / AFTER: 2 N MIN.
CRIMP STRENGTH	7 N MIN.
PRODUCT SPECIFICATION	PRS-1238
TEST REPORT	TR-04044
PACKING STANDARD	300-340
INSTRUCTION MANUAL	HIM-07002
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R9	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MHF® III PLUG	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20367	SIZE A3	SHEET 2/5	REV. 9

PART NO.	20367-001R	
	SEE NOTE 5.	
BRAIDED SHIELD OF OUTER CONDUCTOR	SINGLE	
P/N OF SEMI AUTO TERMINATION MACHINE	90283-008 SEMI-AUTO	
CRIMP HEIGHT	 SEE NOTE 6.	 SEE NOTE 6.
	CH-1 (i-Fit® PART) 0.89~0.93	CH-2 (JACKET PART) 0.80~0.85

NOTES.

4. APPLICABLE CABLE

4-1. DESCRIPTION

INNER CONDUCTOR: AWG#36(7/0.05)

SILVER PLATING ANNEALED COPPER WIRE OR SILVER PLATING TIN-COPPER ALLOY.

* MUST NOT USE SOLDER COATED INNER CONDUCTOR.

DIELECTRIC CORE: FLUORO-PLASTICS, DIAMETER 0.4(+0.04/-0.02)mm, NOMINAL THICKNESS 0.125mm.

OUTER CONDUCTOR: 8/5/0.05, NOMINAL DIAMETER 0.65mm, SILVER PLATING ANNEALED COPPER WIRE.

* MUST NOT USE SOLDER COATED OUTER CONDUCTOR.

JACKET: FLUORO-PLASTICS, DIAMETER 0.81(+0.04/-0.02)mm, NOMINAL THICKNESS 0.08mm.

4-2. REQUIREMENTS

CHARACTERISTIC IMPEDANCE: 50(+2/-2)OHM BY TDR METHOD

NOMINAL CAPACITANCE(REFERENCE VALUE): 96PF/M

CONDUCTOR RESISTANCE OF INNER CONDUCTOR AT 293K (REFERENCE VALUE): 1400 OHM/KM

INSULATION RESISTANCE: 1000MEGA-OHM. KM MIN.

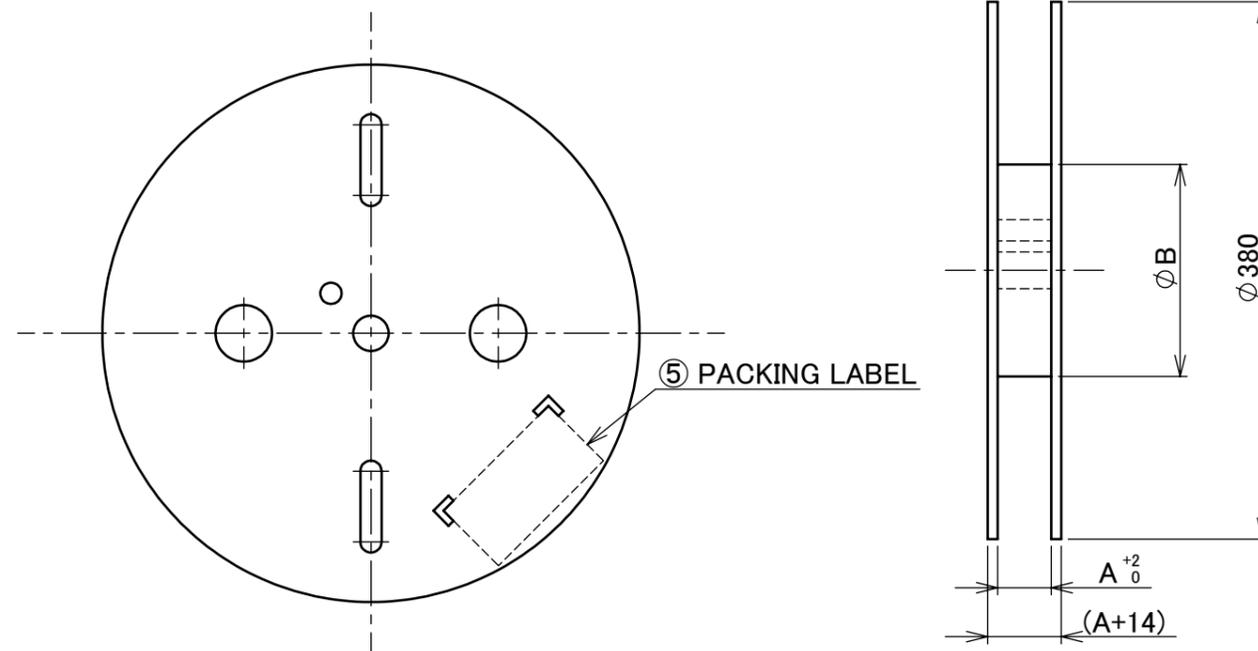
DIELECTRIC WITH STANCE VOLTAGE: NO BREAKDOWN AT AC1000V FOR 1 MINUTES.

5. MUST NOT USE SOLDER COATED INNER CONDUCTOR AND OUTER CONDUCTOR.

6. USE FOR POINT MICROMETER.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R9	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			TITLE MHF® III PLUG	SCALE -	I-PEX
GENERAL TOLERANCE.				DWG. No. 20367	UNIT mm	SIZE A3	SHEET 3/5	
DWG.	DATE							
CHK.								
APP.								

PART NO.	A	B	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20367-001R	20	150	2,000 / REEL	5 REELS / CARTON = 10,000 pcs.

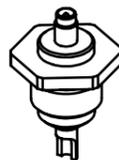


5	PACKING LABEL	-	-
4	REEL	CB	-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R9	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® III PLUG	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20367	SIZE A3	SHEET 4/5	REV. 9



MHF III SMA ADAPTOR
PART NO. 90285-001



MHF III INSPECTION CONNECTOR
PART NO. 90286-001



FRONT SIDE



BACK SIDE

MHF III PULLING TOOL
PART NO. 90287-001

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R9	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® III PLUG	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20367	SIZE A3	SHEET 5/5	REV. 9