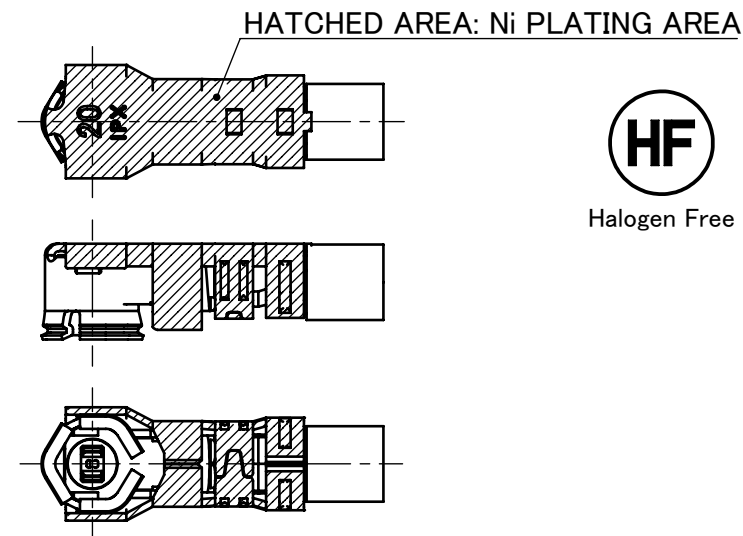
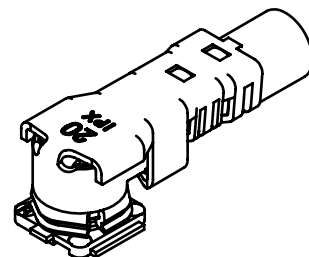
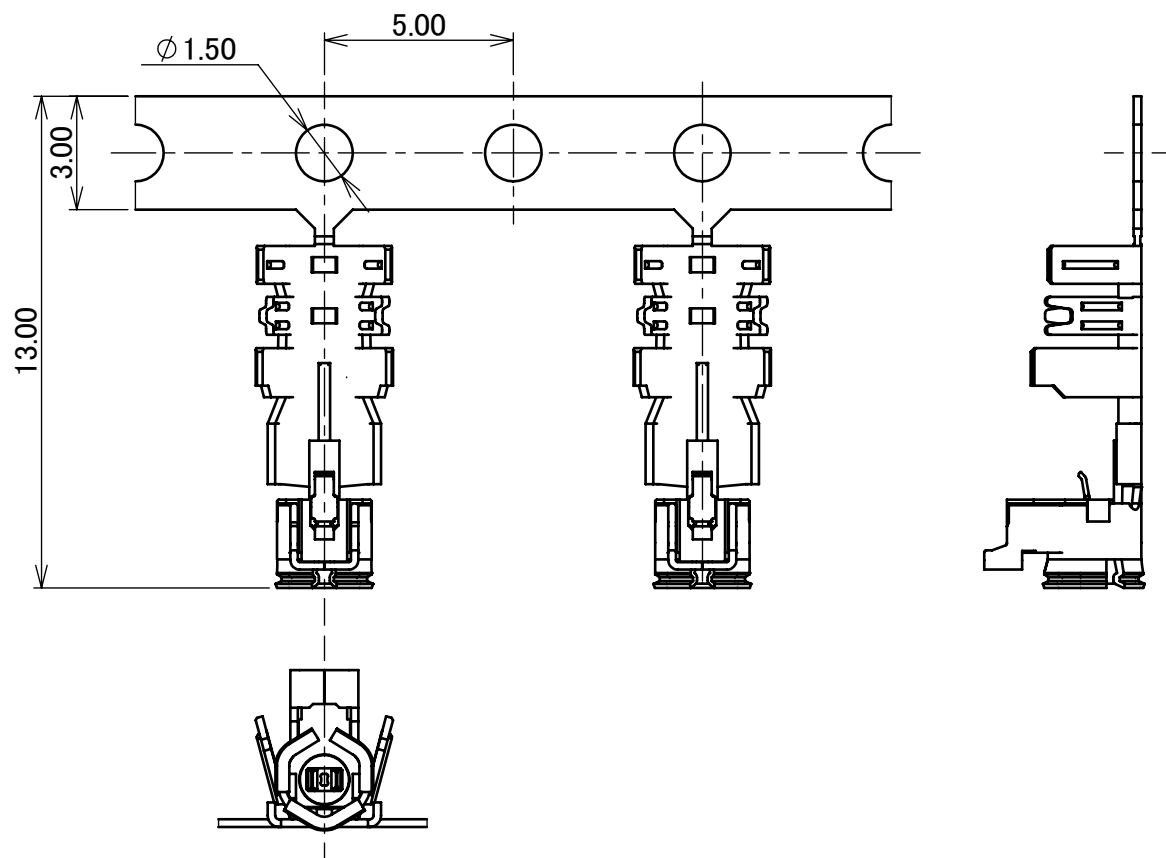
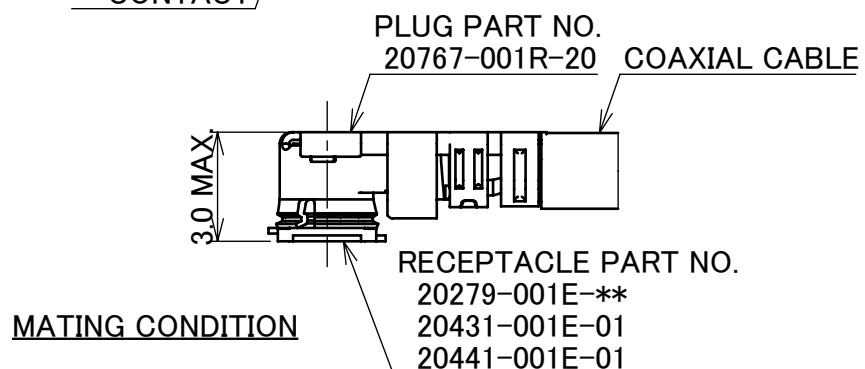
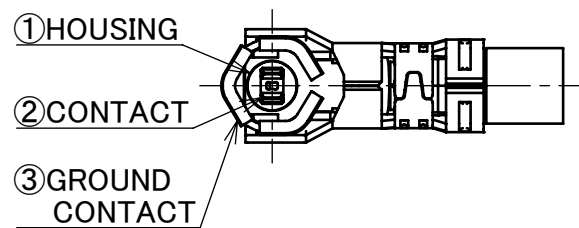
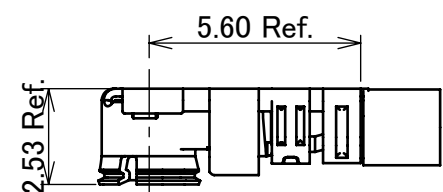
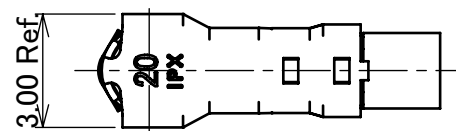


PART No.  
20767-001R-20



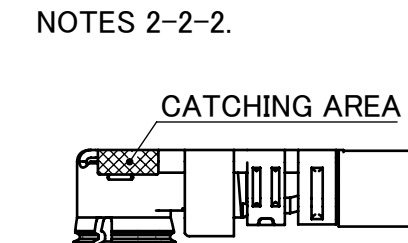
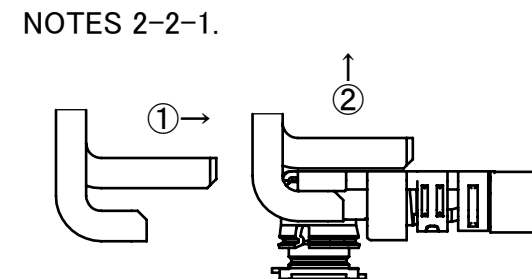
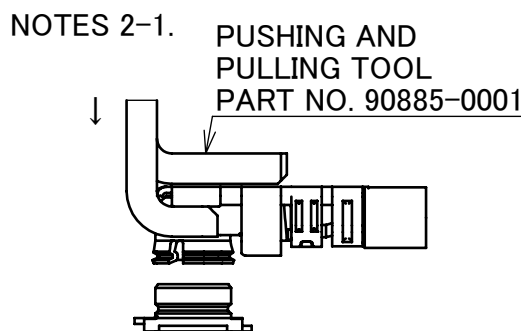
Halogen Free



RoHS Compliant

NOTES

1. APPLICABLE CONNECTOR:  
20279-001E-\*\*, 20431-001E-01, 20441-001E-01
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. 90885-0001)  
USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PLEASE 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.



NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.05 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.10 μ m MIN.
1	HOUSING	PBT	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY				
					6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3	SCALE	<b>I-PEX</b>			
GENERAL TOLERANCE.										TITLE	5:1				
DWG. S.Hamada DATE 2017/07/10										MHF® I PLUG (2.00)	UNIT				
CHK. Y.Hashimoto										mm	SIZE				
REV. ECN BY DATE APP.										APP. K.Yotsutani	DWG. No.	20767	SIZE	SHEET	REV.
REVISION RECORD											A3	1/5	4		

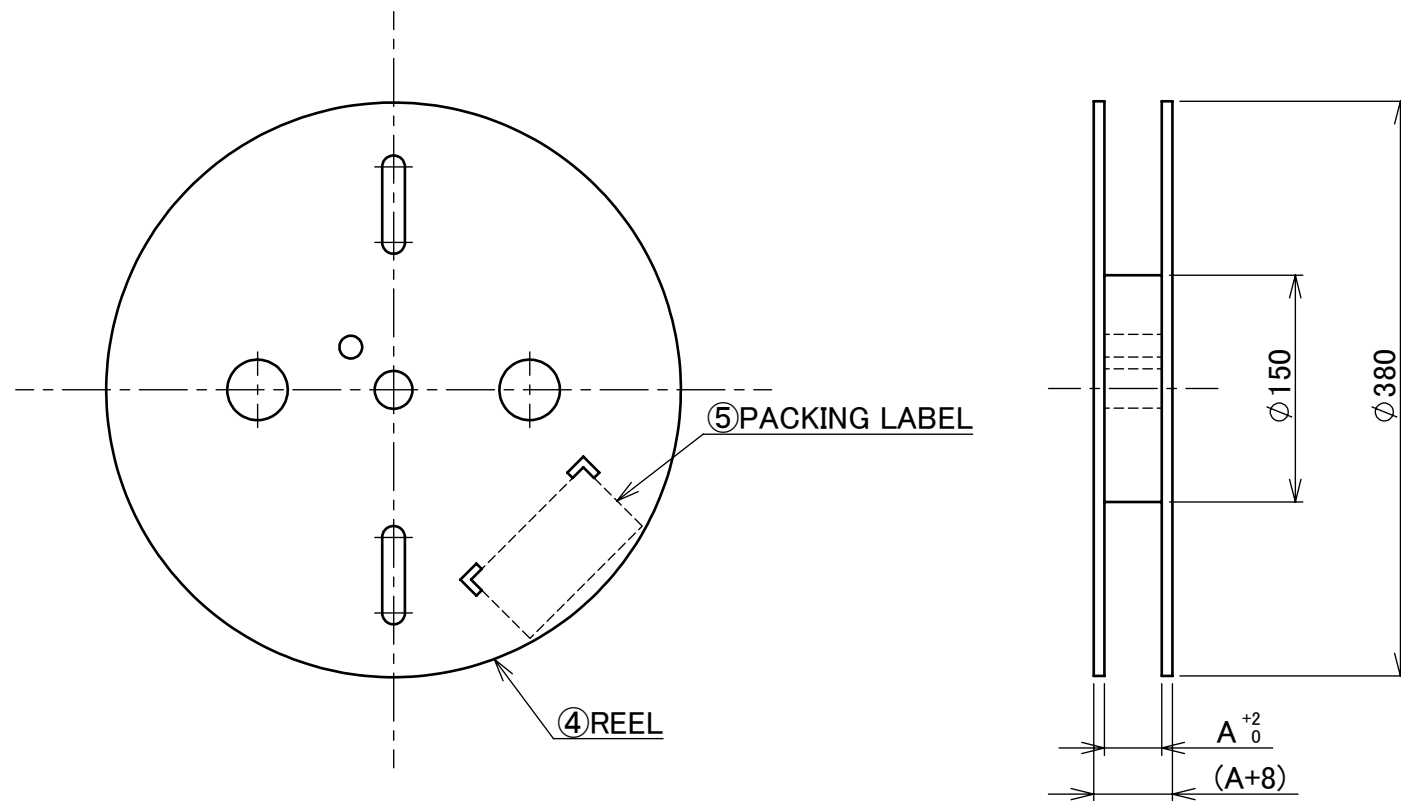
ITEMS	SPECIFICATION
RECOMMENDED APPLICABLE CONNECTOR PART No.	20279-001E-**
RATING VOLTAGE	60 V AC (R.M.S)
RATING FREQUENCY	DC~9GHz
OPERATING TEMPERATURE	233~363 K (-40°C~+90°C)
VSWR (MATED WITH SMA ADAPTER PART No.90193-001)	1.30 MAX. AT 0.1~3 GHz, 1.50 MAX. AT 3~6 GHz, 1.60 MAX. AT 6~9 GHz
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: $\Delta$ R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: $\Delta$ 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)	5 N MIN. / 3 N MIN.
CRIMP STRENGTH	15 N MIN.
PRODUCT SPECIFICATION	PRS-2490
TEST REPORT	TR-18041
PACKING STANDARD	PST-16007
INSTRUCTION MANUAL	HIM-17017
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$					
GENERAL TOLERANCE.				TITLE MHF® I PLUG (2.00)	SCALE -	<b>I-PEX</b>		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20767	SIZE A3	SHEET 2/5	REV. 4

PART NO.	20767-001R-20		
APPLICABLE CABLE NOMINAL DIMENSION			
BRAIDED SHIELD OF OUTER CONDUCTOR	SINGLE		
PART NO. OF SEMI AUTO TERMINATION MACHINE	90876-020		
CRIMP HEIGHT	CH-1 i-Fit® PART	CH-2 SHIELD PART	CH-3 JACKET PART
	 2.28~2.36	 1.81~1.87	 1.95~2.01

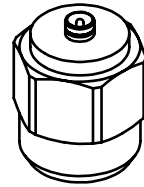
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
	6 MAX.	±0.2	30 OVER 120 MAX.					±0.5
GENERAL TOLERANCE.				TITLE MHF® I PLUG (2.00)	SCALE -			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20767	SIZE A3	SHEET 3/5	REV. 4

PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20767-001R-20	20.0	2,000 / REEL	4 REELS / CARTON = 8,000 PIECES

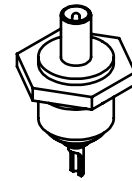


5	PACKING LABEL	-	-
4	REEL	PP	-
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MHF® I PLUG (2.00)	SCALE -	UNIT mm		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20767	SIZE A3	SHEET 4/5	REV. 4



MHF I/II SMA ADAPTOR  
PART NO. 90193-001



MHF I/II PLUG INSPECTION CONNECTOR  
PART NO. 90194-001



FRONT SIDE



BACK SIDE

MHF I PLUG (2.00) PUSHING AND PULLING TOOL  
PART NO. 90885-0001

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY				
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5							
GENERAL TOLERANCE.				TITLE MHF® I PLUG (2.00)	SCALE 2:1	UNIT <b>I-PEX</b>				
DWG.	DATE							SIZE A3	SHEET 5/5	REV. 4
CHK.										
APP.										
				DWG. No.	20767					