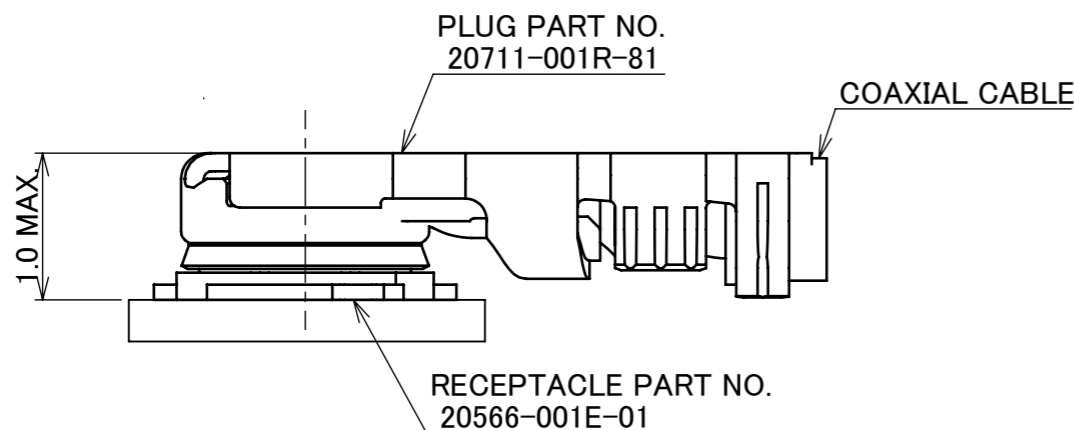
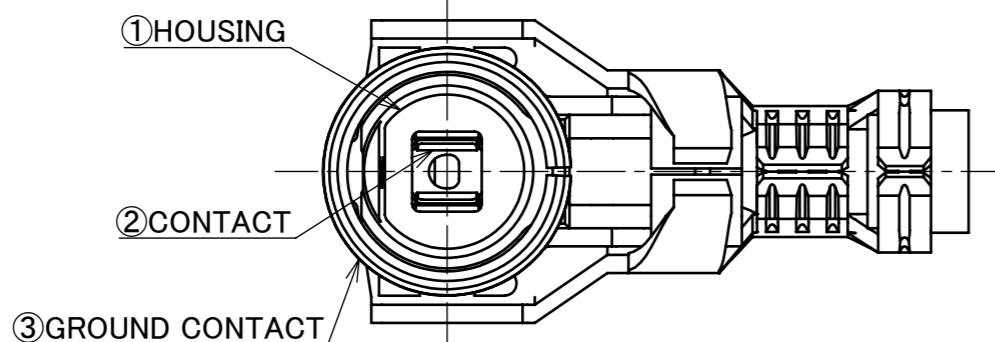
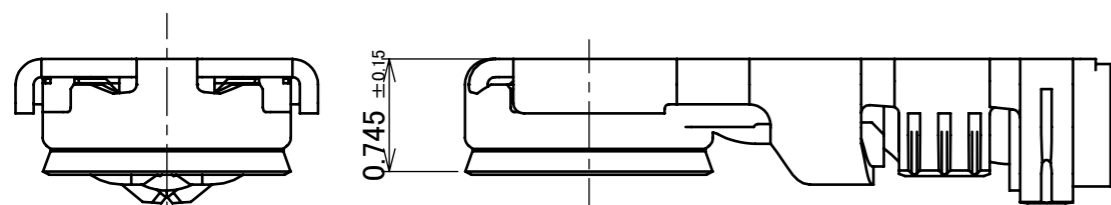
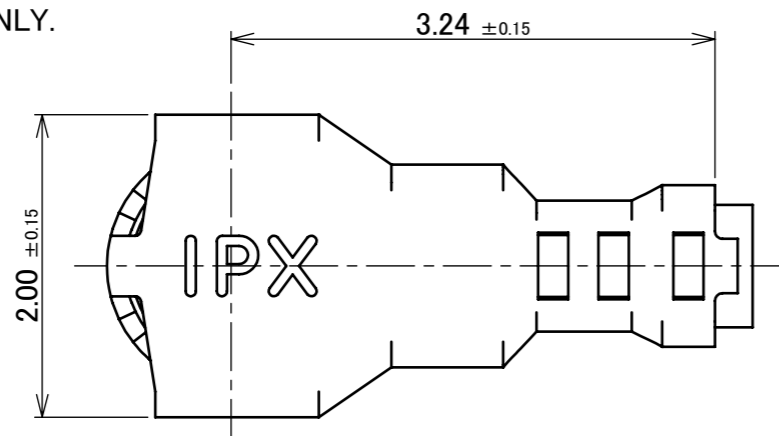


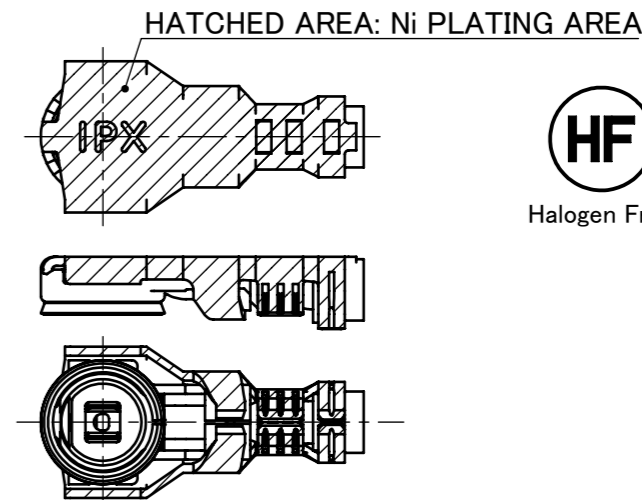
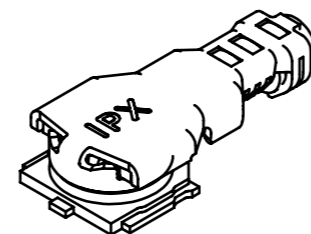
Recommended P/N 20711-001R-81

PART NO.	APPLICABLE CABLE	OUTER CONDUCTOR
20711-001R-81	AWG#36 (0.64 O.D.)	SPIRAL SHIELD
	AWG#36 (0.81 O.D.)	SINGLE BRAIDED SHIELD

OFFERED AS HARNESS ONLY.



MATING CONDITION



NOTES.

1. APPLICABLE CONNECTOR: 20566-001E-01
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

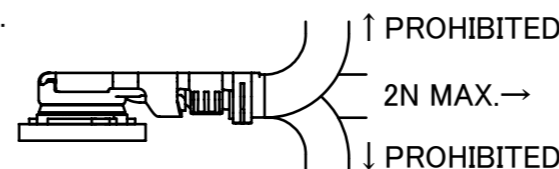
3-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90612-0001)

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

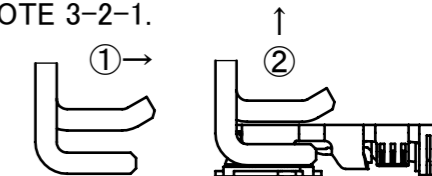
3-2-2. IN CASE OF UNMATING DIRECTLY BY HAND

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

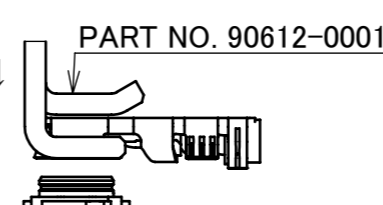
NOTE 2.



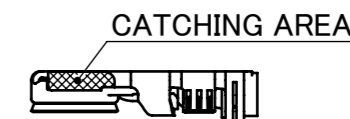
NOTE 3-2-1.



NOTE 3-1.



NOTE 3-2-2.

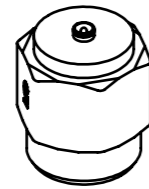


NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.02 μm MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.03 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	APP.	DATE	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
6	Z220655	K.W	2022/06/13	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3	MHF® 5 PLUG Ni TOP (0.81, 0.64)	20:1	A3	6
5	Z210310	K.I	2021/03/23	M.T	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5				
4	Z210267	TOI	2021/03/16	M.T	GENERAL TOLERANCE.							
3	Z181728	M.N	2018/12/27	Ken	DWG.	T.Yayoshi	DATE	2015/08/11				
2	Z180759	M.N	2018/09/14	Ken	CHK.	K.Yotsutani	DATE	2015/08/12				
1	Z160461	M.N	2016/04/28	Ken	APP.	T.Takano	DATE	2015/08/12				
REVISION RECORD					DWG. No.			20711	SIZE	1/3		

ITEMS	SPECIFICATION	
APPLICABLE CABLE	AWG#36 (0.81 O.D.) *RECOMMENDED	AWG#36 (0.64 O.D.)
RECOMMENDED APPLICABLE CONNECTOR PART No.	20566-001E-01	
RATING VOLTAGE	60 V AC (R.M.S)	
RATING FREQUENCY	DC~12 GHz	
OPERATING TEMPERATURE	233~363 K (-40°C~+90°C)	
VSWR (MATED WITH SMA ADAPTER PART No. 90543-0001)	1.30 MAX. AT 0.1~3 GHz, 1.50 MAX. AT 3~6 GHz, 1.60 MAX. AT 6~9 GHz, 1.70 MAX. AT 9~12 GHz	1.30 MAX. AT 0.1~3 GHz, 1.50 MAX. AT 3~6 GHz, 1.60 MAX. AT 6~9 GHz, 1.80 MAX. AT 9~12 GHz
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	7 N MIN.	
PRODUCT SPECIFICATION	PRS-2108	PRS-2109
TEST REPORT	TR-15062	TR-15063
INSTRUCTION MANUAL	HIM-16013	
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® 5 PLUG Ni TOP (0.81, 0.64)	SCALE -	UNIT mm		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20711	SIZE A3	SHEET 2/3	REV. 6



SMA ADAPTOR FOR MHF 5 PLUG
PART NO. 90543-0001

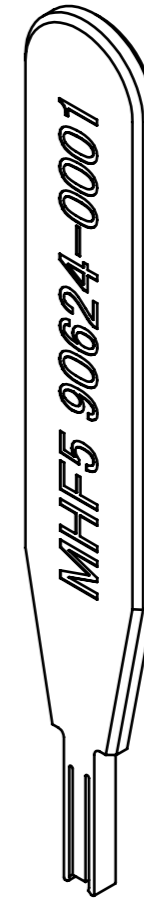


FRONT SIDE



BACK SIDE

MHF 5 PUSHING AND PULLING TOOL
PART NO. 90612-0001



MHF 5 PUSHING TOOL
PART NO. 90624-0001

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 [®] 5 PLUG Ni TOP (0.81, 0.64)	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20711	SIZE A3	SHEET 3/3	REV. 6