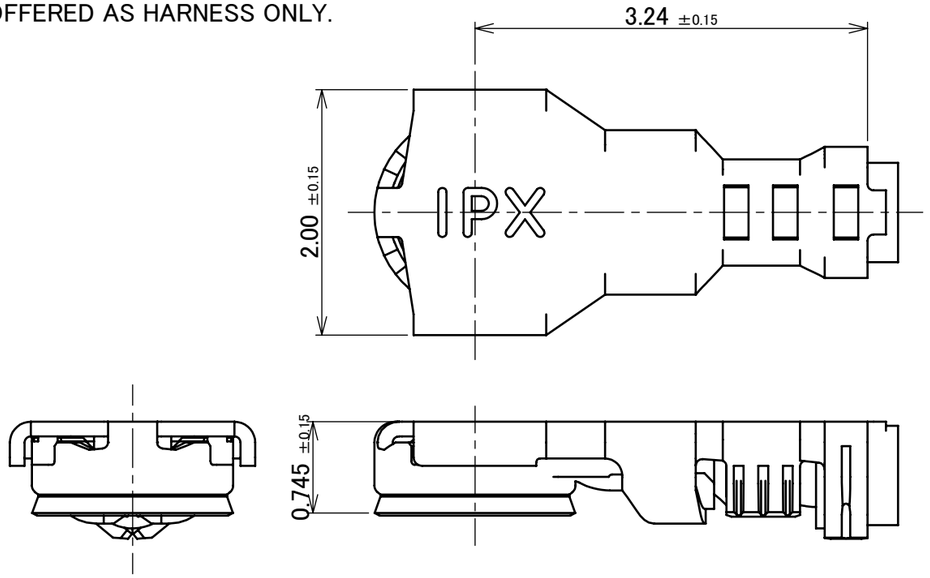
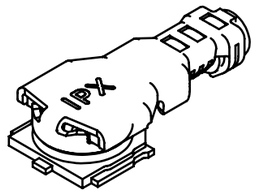
Recommended P/N	20711-001R-81

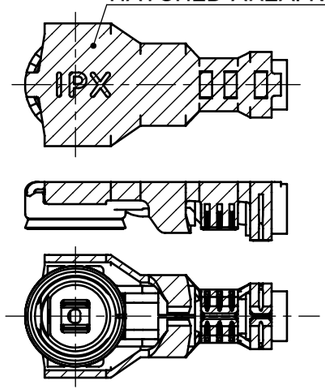
PART NO.	APPLICABLE CABLE	OUTER CONDUCTOR
20711-001R-81	AWG#36 (0.64 O.D.)	SPIRAL SHIELD
	AWG#36 (0.81 O.D.)	SINGLE BRAIDED SHIELD

OFFERED AS HARNESS ONLY.



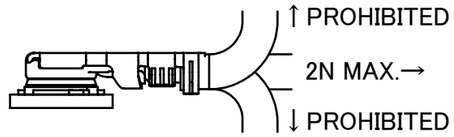


HATCHED AREA: Ni PLATING AREA

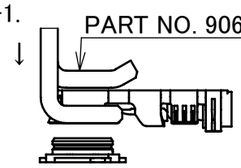


NOTES.
1. APPLICABLE CONNECTOR: 20566-001E-01
2. PERMISSIBLE LOAD OF CABLE AT MATING
3. MATING AND UNMATING INSTRUCTION
3-1. MATING
MATE THE CONNECTOR VERTICALY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
3-2. UNMATING
3-2-1. IN CASE OF UNMATING BY PULLING 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.

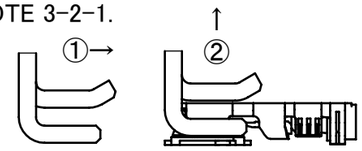
NOTE 2.



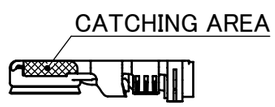
NOTE 3-1.

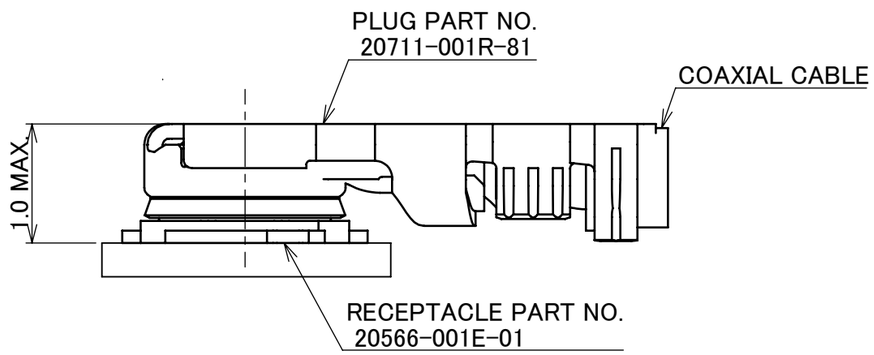


NOTE 3-2-1.



NOTE 3-2-2.





MATING CONDITION

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.
5	Z210310	K.I	2021/03/23	M.T
4	Z210267	TOI	2021/03/16	M.T
3	Z181728	M.N	2018/12/27	Ken
2	Z180759	M.N	2018/09/14	Ken
1	Z160461	M.N	2016/04/28	Ken
0	Z150892	Tad	2015/08/11	

REVISION RECORD

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

	DATE
DWG. T.Yayoshi	2015/08/11
CHK. K.Yotsutani	2015/08/12
APP. T.Takano	2015/08/12

PROJECTION | SERIES No. R2

CUSTOMER COPY

TITLE: MHF® 5 PLUG Ni TOP (0.81, 0.64)

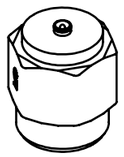
DWG. No. 20711

SCALE 20:1 | UNIT mm | SIZE A3 | SHEET 1/3 | REV. 5

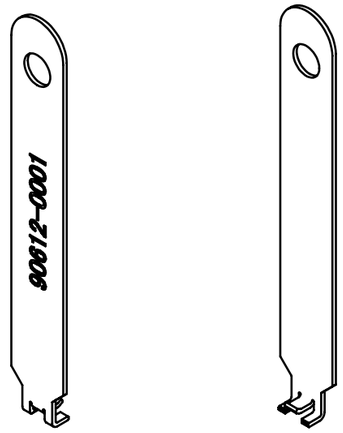
I-PEX

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℃～+90℃)	
VSWR	1.3 MAX. AT 0.1 ～ 3 GHz, 1.5 MAX. AT 3 ～ 6 GHz, 1.6 MAX. AT 6 ～ 9 GHz, 1.7 MAX. AT 9 ～ 12 GHz	1.3 MAX. AT 0.1 ～ 3 GHz, 1.5 MAX. AT 3 ～ 6 GHz, 1.6 MAX. AT 6 ～ 9 GHz, 1.8 MAX. AT 9 ～ 12 GHz
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	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	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R2
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		
GENERAL TOLERANCE.				TITLE: MHF® 5 PLUG Ni TOP (0.81, 0.64)	CUSTOMER COPY
DWG. / DATE					SCALE: –
CHK.					UNIT: mm
APP.				DWG. No. 20711	SIZE: A3 / SHEET: 2/3 / REV.: 5



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