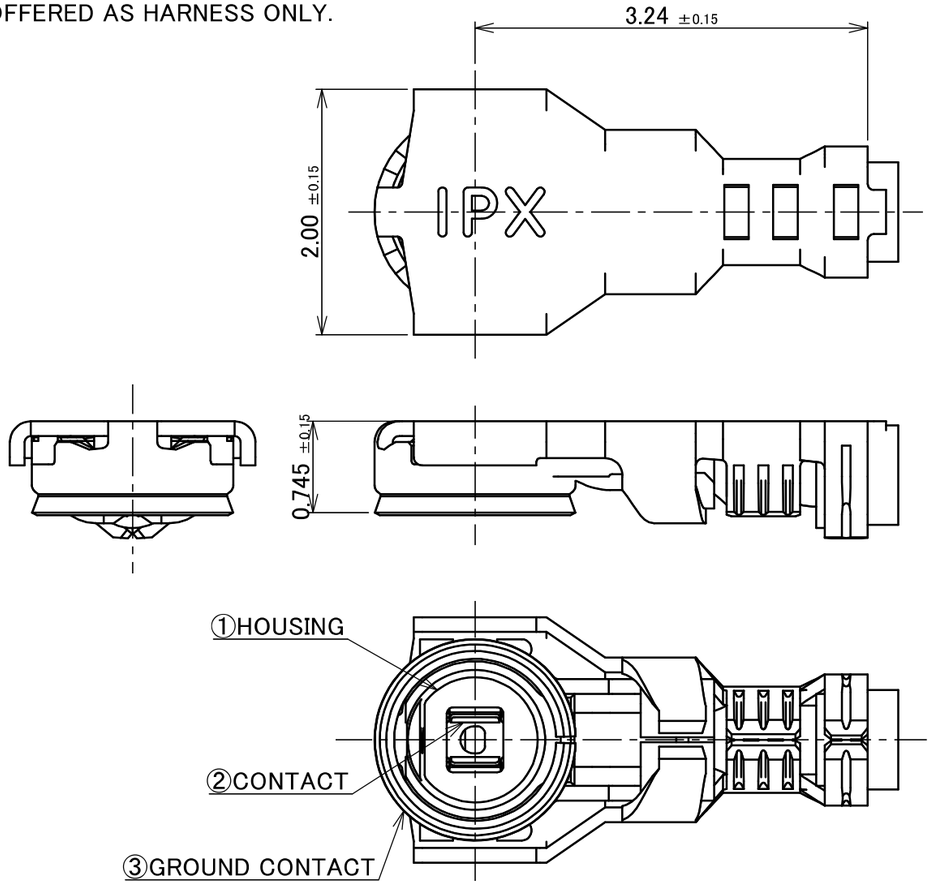
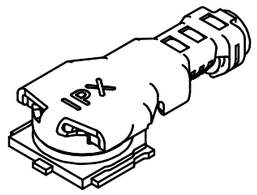
Recommended P/N	20711-001R-81

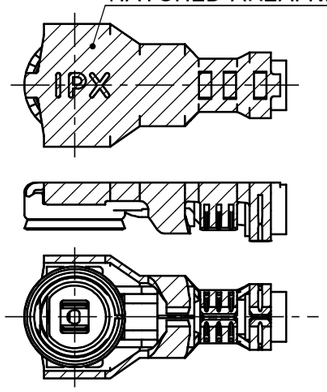
PART NO.	APPLICABLE CABLE	OUTER CONDUCTOR
20711-001R-81	AWG#36 (0.64 O.D.)	SPIRAL SHIELD
	AWG#36 (0.81 O.D.)	SINGLE BRAIDED SHIELD

OFFERED AS HARNESS ONLY.





HATCHED AREA: Ni PLATING AREA

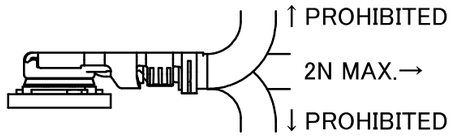


Halogen Free

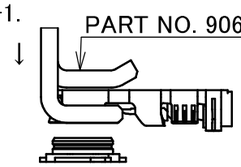
RoHS Compliant

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.

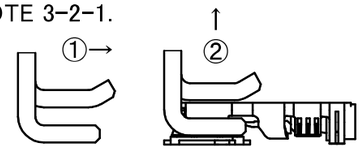
NOTE 2.



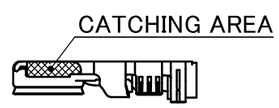
NOTE 3-1.

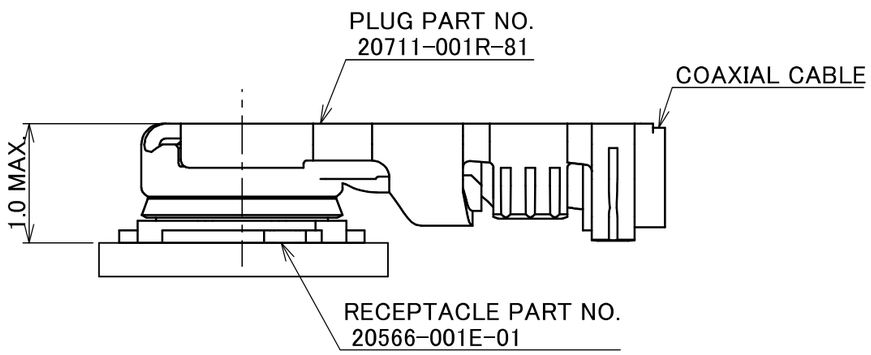


NOTE 3-2-1.



NOTE 3-2-2.





MATING CONDITION

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

REV.	ECN	BY	DATE	APP.
7	ZC01116	TOI	2026/10/29	Yufu
6	Z220655	K.W	2022/06/13	Y.H
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

REVISION RECORD

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

GENERAL TOLERANCE.

PROJECTION

SERIES No. R2

CUSTOMER COPY

DWG. T.Yayoshi DATE 2015/08/11

CHK. K.Yotsutani

APP. T.Takano

TITLE
MHF® 5
PLUG Ni TOP
(0.81, 0.64)

DWG. No. 20711

SCALE 20:1

UNIT mm

SIZE A3

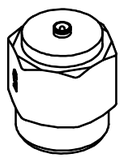
SHEET 1/3

REV. 7

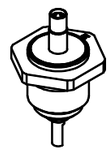
I-PEX

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	
RATED VOLTAGE	60 V AC (R.M.S)	
RATED FREQUENCY	DC TO 12 GHz	
OPERATING TEMPERATURE	233 TO 363 K (-40℃ TO +90℃)	
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. AT3 - 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: ⊿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***	

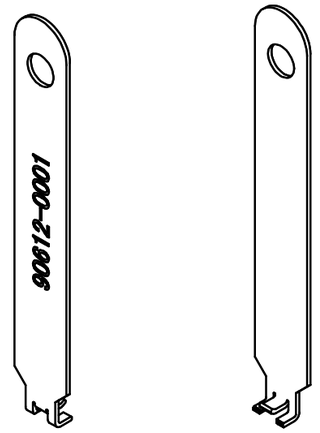
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MHF® 5 PLUG Ni TOP (0.81, 0.64)		–	I-PEX
CHK.						UNIT	
APP.				DWG. No.		mm	
				20711		SIZE	SHEET / REV.
						A3	2/3 / 7



MHF 5 SMA ADAPTOR
PART NO. 90543-0001



MHF 5 PLUG INSPECTION CONNECTOR
PART NO. 90586-0002



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 PLUG Ni TOP (0.81, 0.64)		2:1	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				20711		A3	3/3 / 7