MHF® 4

低背设计，组合高度最大1.2 mm，最适用于空间有限的设计

Product Specifications:

Mated Height (mm max.)		1.2	
Rece. SMT Size (mm)		2.0 x 2.0	
Applicable Frequency		DC ~ 9 GHz	
Characteristic Impedance		50 ohm	
VSWR (L=100 mm)	Connector	PLUG	RECEPTACLE
	DC ~ 3 GHz	1.3 max.	1.3 max.
	3 ~ 6 GHz	1.5 max.	1.4 max.
	6 ~ 9 GHz	2.0 max.	1.55 max.

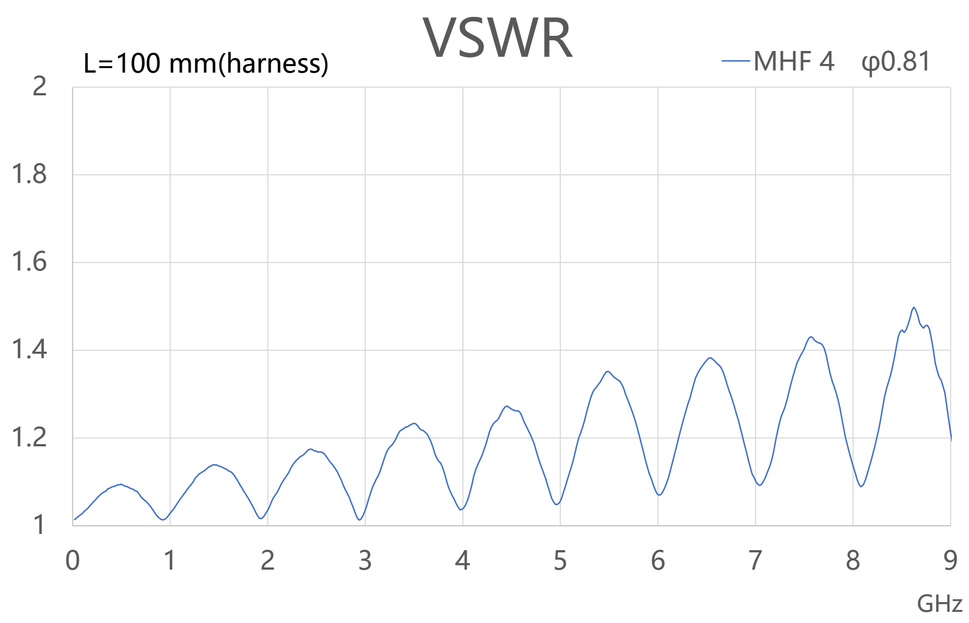
Applicable Cable Size:

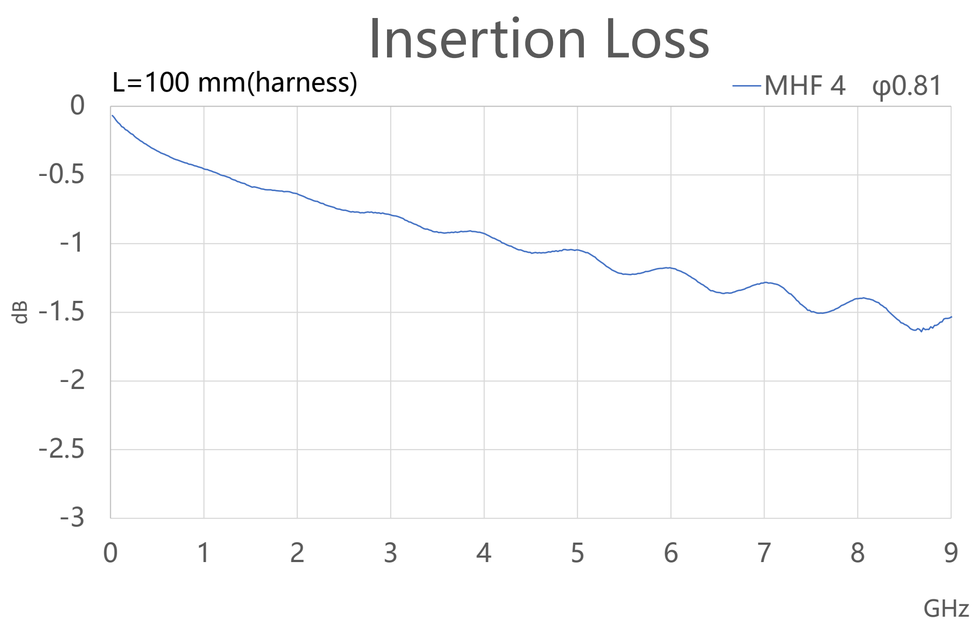
O.D. 0.81 mm / AWG 36

Applicable Standards (Reference Only):

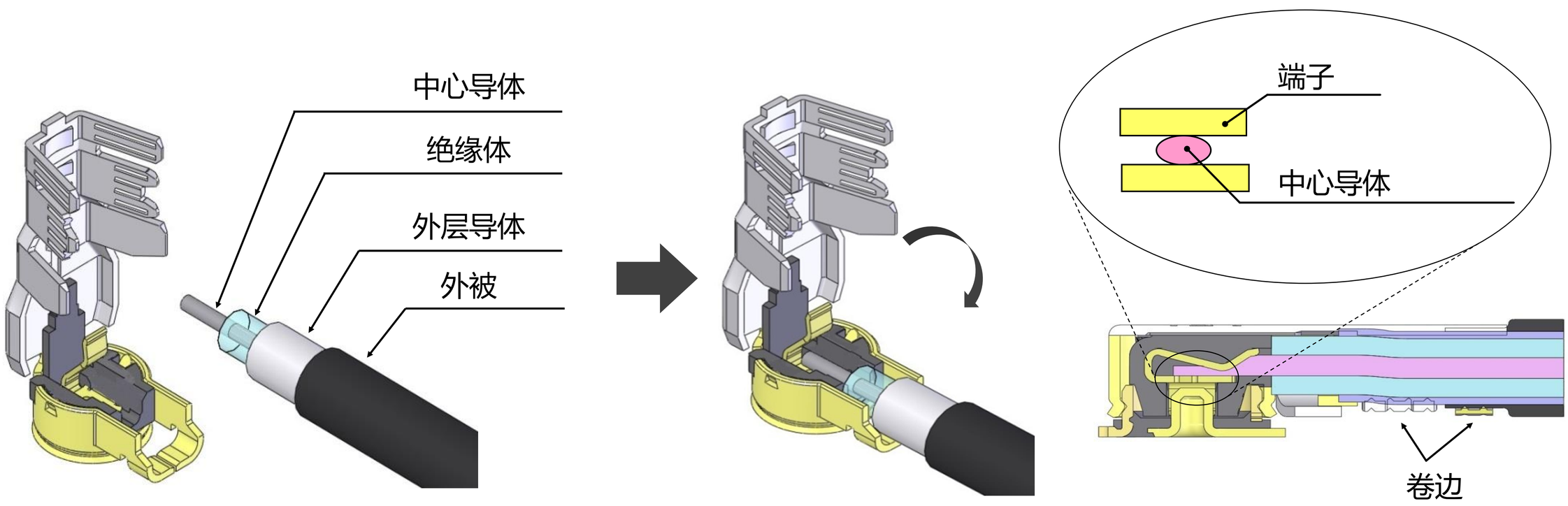
5G sub-6, Wi-Fi 6, LTE/LTE-Advanced, LPWA, Bluetooth, GPS

对应 9 GHz的高性能小型连接器





使用“i-Fit®” 技术的无需焊接极细同轴线连结



MHF ® 4 公座适用的极细同轴线外径 (AWG): 0.81 mm (36)

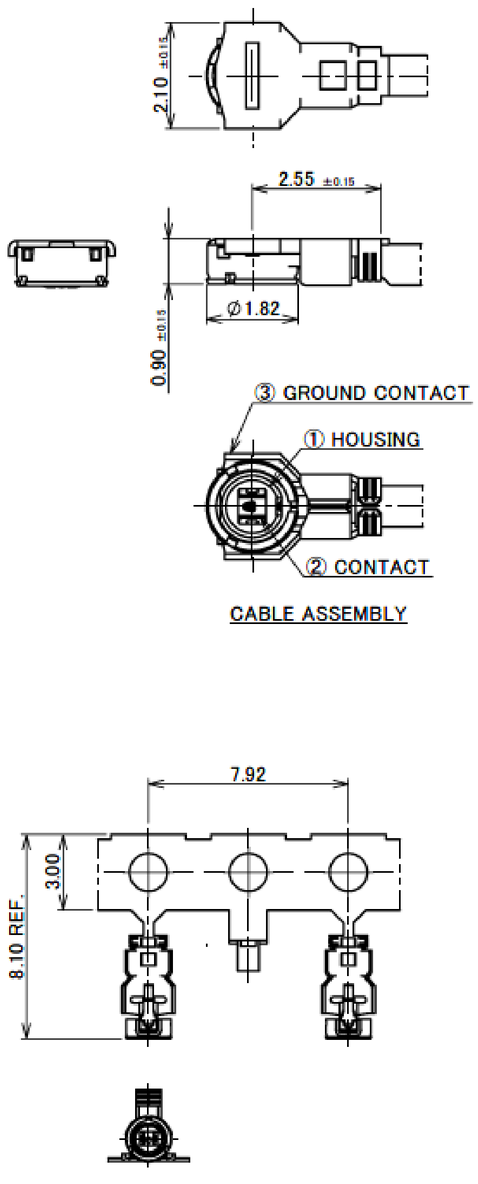
Product name		MHF® 4L			MHF® 4
Frequency		DC – 12 GHz (MHF® 4L Plug x MHF® 4L Rece) DC – 9 GHz (MHF® 4L Plug x MHF® 4 Rece)			DC – 9 GHz
Mating Height		1.7 mm max.	1.4 mm max.	1.2 mm max.	1.2 mm max.
Coaxial O.D. (Center Conductor AWG)	1.37 mm (AWG#30)	●			
	1.13 mm (AWG#32)		●		
	0.95 mm (AWG#33)		●		
	0.81 mm (AWG#36)			●	●
	0.64 mm (AWG#36)			●	
Receptacle		MHF® 4L / MHF® 4 receptacle			MHF® 4L / MHF® 4 receptacle

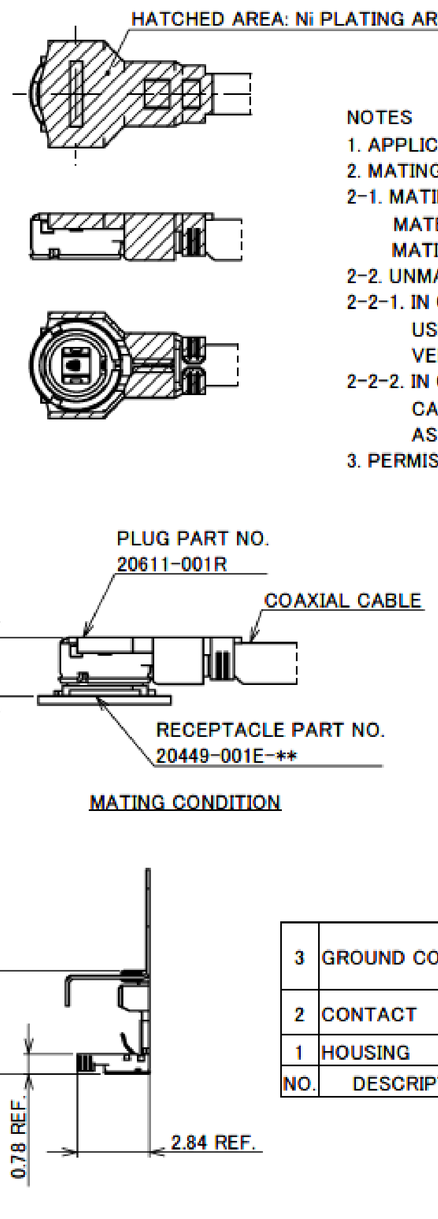
Component Parts Details

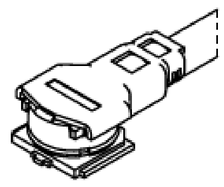
MHF® 4 plug Ni top

Recommended P/N	20611-001R

PART NO.
20611-001R



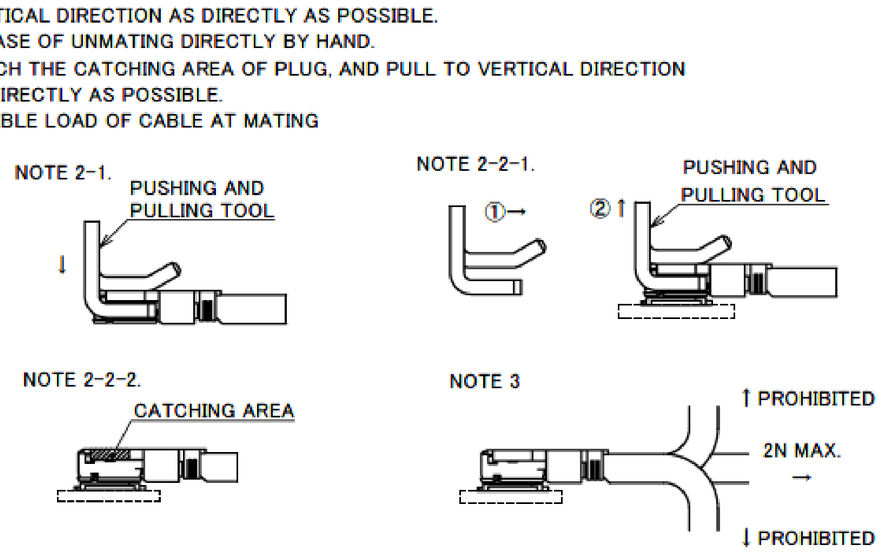




HF Halogen Free

RoHS Compliant

NOTES
1. APPLICABLE CONNECTOR: 20449-001E-**
2. MATING AND UNMATING INSTRUCTION
2-1. MATING
MATE THE CONNECTOR VERTICALY 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. 90435-001)
USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND 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 TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
3. PERMISSIBLE LOAD OF CABLE AT MATING

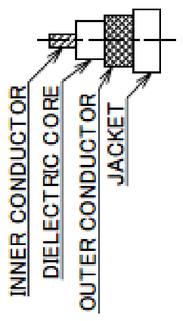
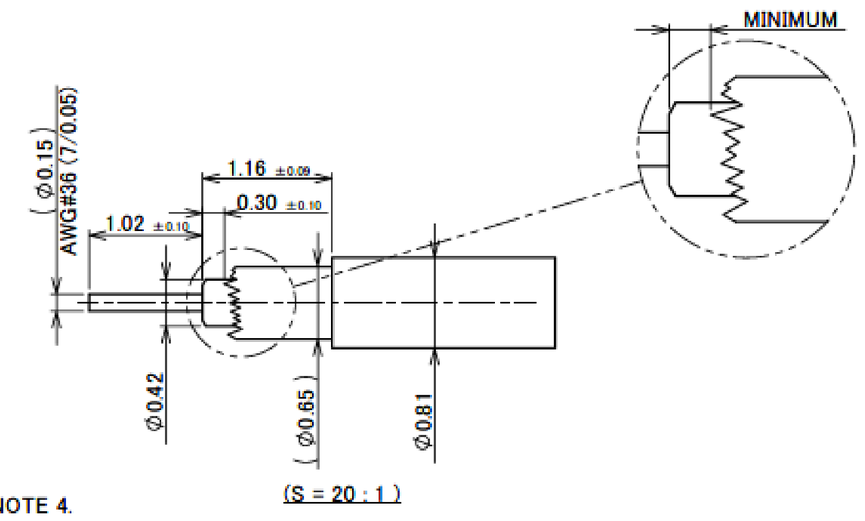
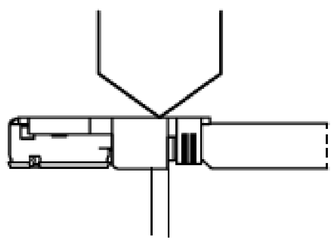
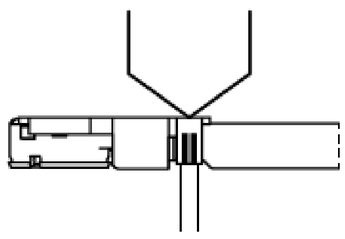


NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.02 μm MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.03 μm MIN.
1	HOUSING	PBT	UL94V-0, BLACK

Rev.3

MHF® 4 plug Ni top

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART NO.	20449-001E-**
RATING VOLTAGE	60 V AC (R.M.S) / DC
RATING FREQUENCY	DC～9GHz
OPERATING TEMPERATURE	233～363 K (-40℃～+90℃)
VSWR (MATED WITH SMA ADAPTER PART No. 90449-001)	1.30 MAX. AT 0.1～3GHz, 1.50 MAX. AT 3～6GHz, 2.00 MAX. AT 6～9GHz
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	5 N MIN.
PRODUCT SPECIFICATION	PRS-2530
TEST REPORT	TR-18086
PACKING STANDARD	300-591
INSTRUCTION MANUAL	HIM-10003
APPEARANCE CRITERIA No.	QLS-A***

PART No.	20611-001R	
APPLICABLE CABLE STRIP DIMENSION		 SEE NOTE 4.
BRAIDED SHIELD OF OUTER CONDUCTOR	SINGLE BRAIDED SHIELD	
CRIMP HEIGHT	 SEE NOTE 5. i-Fit® PART 0.91～0.94	 SEE NOTE 5. JACKET PART 0.82～0.85

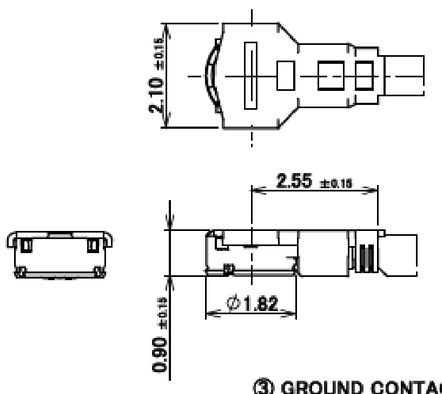
NOTES.
4. MUST NOT USE SOLDER COATED INNER CONDUCTOR AND OUTER CONDUCTOR.
5. USE POINT MICROMETER.

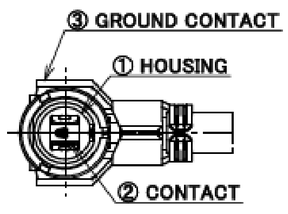
Rev.3

MHF® 4 plug Au

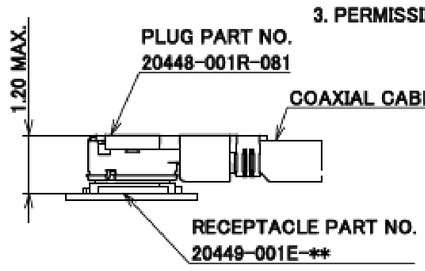
Recommended P/N	20448-001R-081

PART NO.
20448-001R-081

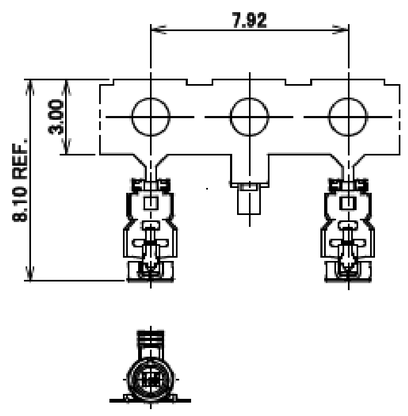




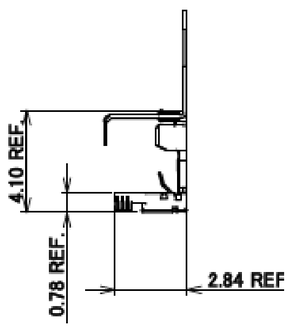
CABLE ASSEMBLY



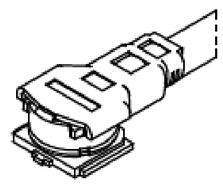
MATING CONDITION



CARRIER CONDITION
S = 5:1

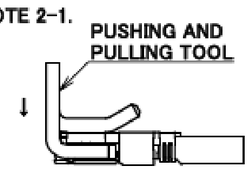


NOTES
1. APPLICABLE CONNECTOR: 20449-001E-**
2. MATING AND UNMATING INSTRUCTION
2-1. MATING
MATE THE CONNECTOR VERTICALY AS MUCH AS POSSIBLE. ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
2-2. UNMATING
2-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90435-001)
USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND 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 TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
3. PERMISSIBLE LOAD OF CABLE AT MATING

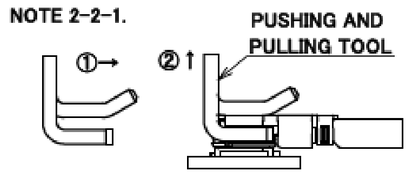


Halogen Free RoHS Compliant

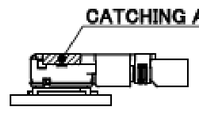
NOTE 2-1.



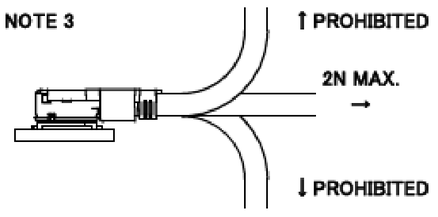
NOTE 2-2-1.



NOTE 2-2-2.



NOTE 3



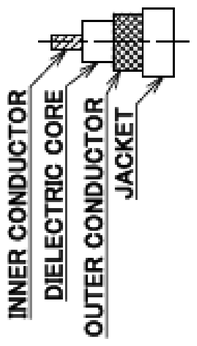
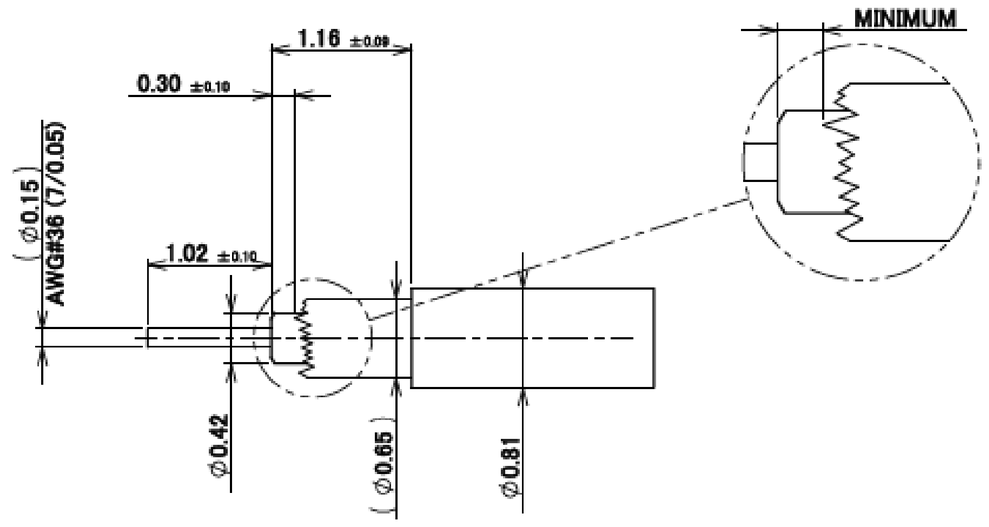
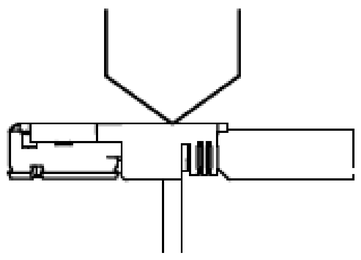
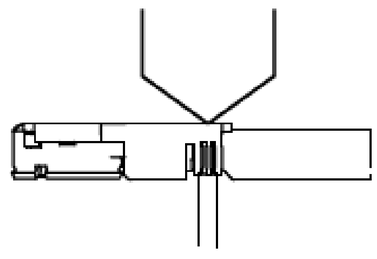
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.05 μm MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER: Ni 1.00 μm MIN. CONTACT PART: Au 0.30 μm MIN.
1	HOUSING	PBT	UL94V-0, BLACK

Rev.7

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART NO.	20449-001E-**
RATING VOLTAGE	60 V AC (R.M.S) / DC
RATING FREQUENCY	DC～9GHz
OPERATING TEMPERATURE	233～363 K (-40℃～+90℃)
VSWR (MATED WITH SMA ADAPTER PART No. 90449-001)	1.30 MAX. AT 0.1～3GHz, 1.50 MAX. AT 3～6GHz, 2.00 MAX. AT 6～9GHz
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: ⊿R 20 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	5 N MIN.
PRODUCT SPECIFICATION	PRS-1745
TEST REPORT	TR-12118
PACKING STANDARD	300-591
INSTRUCTION MANUAL	HIM-10003
APPEARANCE CRITERIA No.	QLS-A***

Rev.7

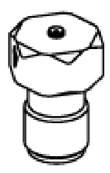
MHF® 4 plug Au

PART No.	20448-001R-081	
APPLICABLE CABLE STRIP DIMENSION		 * SEE NOTE 4.
BRAIDED SHIELD OF OUTER CONDUCTOR	SINGLE BRAIDED SHIELD	
CRIMP HEIGHT	 * SEE NOTE 5. i-Fit® PART 0.91～0.94	 * SEE NOTE 5. JACKET PART 0.82～0.85

NOTES.
4. MUST NOT USE SOLDER COATED INNER CONDUCTOR /
5. USE POINT MICROMETER.

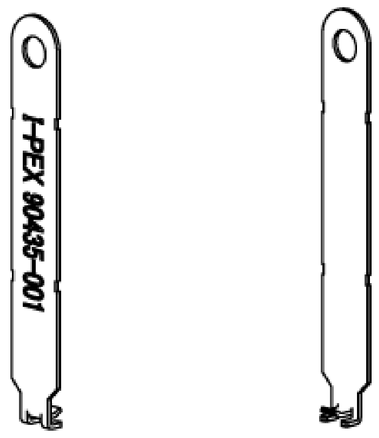
Rev.7

Accessories for MHF® 4 plug



MHF 4 (4L) SMA ADAPTOR
PART NO. 90449-001

MHF 4 (4L) INSPECTION CONNECTOR
PART NO. 90449-003-01



FRONT SIDE BACK SIDE

MHF 4 PUSHING AND PULLING TOOL
PART NO. 90435-001

Rev.3

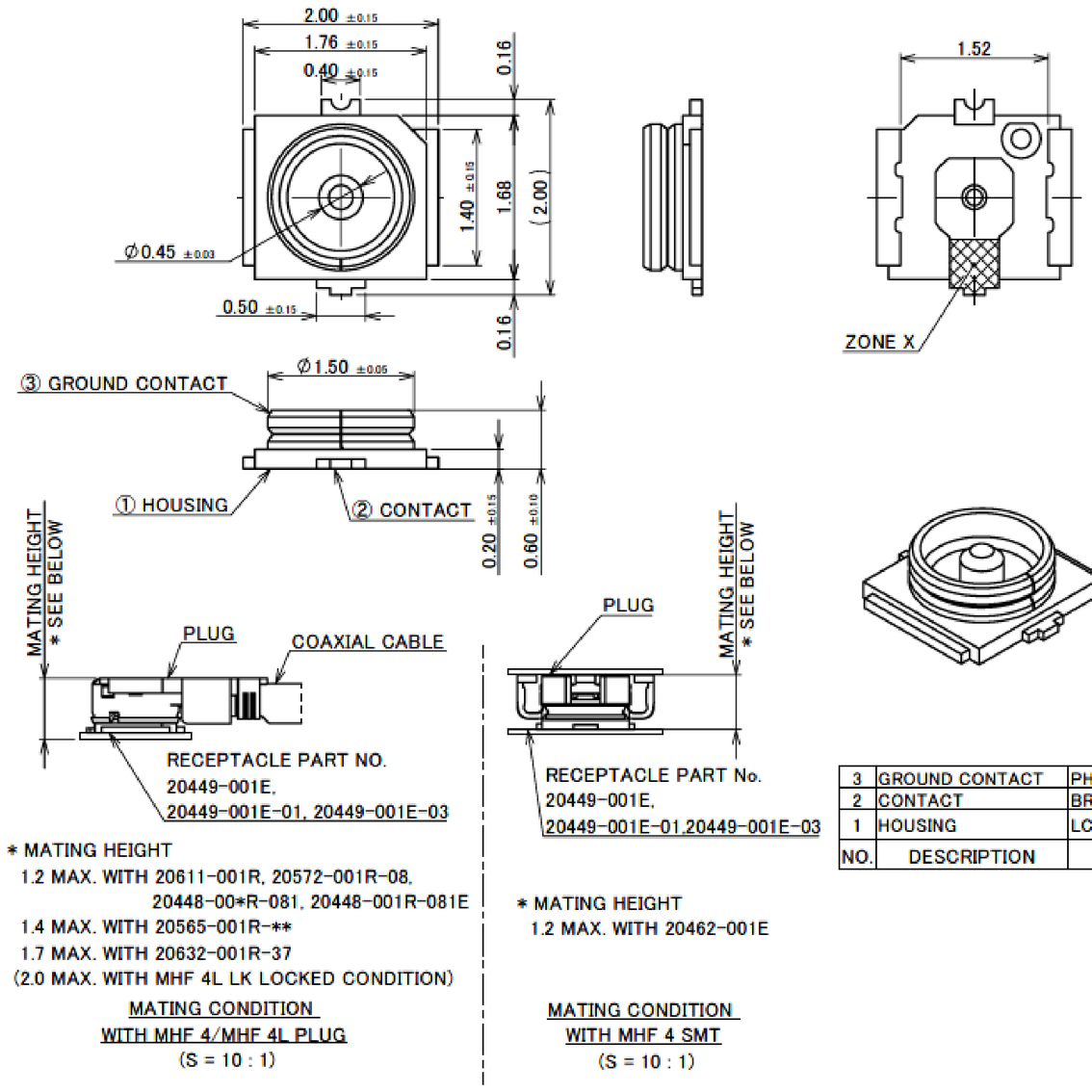
MHF® 4 Receptacle

Recommended P/N	20449-001E-03

PART NO.	PACKING QUANTITY / REEL	CONTACT PLATING			GROUND CONTACT PLATING		
		CONTACT PART	SOLDERING PART	ALL OVER	CONTACT PART	SOLDERING PART	ALL OVER
20449-001E	10,000 PCS.	TOP: Au 0.05 μm MIN.	TOP OTHER: Au 0.01 μm MIN. ZONE X: Au 0.03 μm MIN.	Ni 1.00 μm MIN.	TOP: Au 0.03 μm MIN.	TOP: Au 0.01 μm MIN.	Ni 1.00 μm MIN.
20449-001E-01							
20449-001E-03		TOP: Au 0.01 μm MIN. MIDDLE: Pd-Ni 0.02 μm MIN.	TOP: Au 0.01 μm MIN. MIDDLE: Pd-Ni 0.02 μm MIN.		TOP: Au 0.01 μm MIN. MIDDLE: Pd-Ni 0.02 μm MIN.	TOP: Au 0.01 μm MIN. MIDDLE: Pd-Ni 0.02 μm MIN.	

Halogen Free

RoHS Compliant



NOTES.
1. APPLICABLE CONNECTOR (CABLE SIZE)
   MHF 4 PLUG: 20611-001R (Φ0.81)
   20448-00*R-081 (Φ0.81)
   MH 81)
   20565-001R-** (Φ0.83, Φ0.95, Φ1.13)
   20632-001R-37 (Φ1.37)
   MHF 4 SMT PLUG: 20462-001E
2. COPLANARITY: 0.1 mm MAX.
3. THIS IS " Pb-FREE" CONNECTOR.
4. CHARACTERISTIC IMPEDANCE: 50Ω (NOMINAL VALUE)

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	SEE TABLE
2	CONTACT	BRASS	
1	HOUSING	LCP	UL94V-0, BLACK

FOR MHF 4 PLUG

ITEMS	SPECIFICATION	
APPLICABLE CONNECTOR PART No.	20611-001R (CABLE Φ0.81 TYPE)	20448-001R (CABLE Φ0.81 TYPE)
RATING VOLTAGE	60 V AC (R.M.S)/DC	
RATING FREQUENCY	DC～9GHz	
OPERATING TEMPERATURE	233～363 K (-40℃～+90℃)	
CHARACTERISTIC IMPEDANCE	50 ohm (NOMINAL VALUE)	
VSWR (MATED WITH SMA ADAPTER PART No. 90449-002)	1.30 MAX. AT 0.1～3GHz, 1.40 MAX. AT 3～6GHz, 1.55 MAX. AT 6～9GHz	
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.	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.	
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC 1 MINUTE	
DURABILITY	30 CYCLES	
MATING FORCE (INITIAL / AFTER TEST)	-	
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 4 N MIN. / AFTER TEST : 2 N MIN.	
PRODUCT SPECIFICATION	PRS-2530	PRS-1745
TEST REPORT	TR-18086	TR-12118
PACKING STANDARD	20449-001E-03: 300-604	
INSTRUCTION MANUAL	HIM-10003	
APPEARANCE CRITERIA No.	QLS-A***	

MHF® 4 Receptacle

FOR MHF 4L PLUG

ITEMS	SPECIFICATION			
APPLICABLE CONNECTOR PART No.	20572-001R-08 (CABLE Φ0.64 TYPE) (CABLE Φ0.81 TYPE)	20565-001E-13 (CABLE Φ0.95 TYPE) (CABLE Φ1.13 TYPE)	20565-001R-83 (CABLE Φ0.83 TYPE)	20632-001R-37 (CABLE Φ1.37 TYPE)
RATING VOLTAGE	60 V AC (R.M.S)/DC			
RATING FREQUENCY	DC ～ 9GHz			
OPERATING TEMPERATURE	233～363 K(-40℃～+90℃)			
CHARACTERISTIC IMPEDANCE	50 ohm (NOMINAL VALUE)			
VSWR (MATED WITH SMA ADAPTER PART No. 90449-002)	1.30 MAX. AT 0.1～3GHz, 1.40 MAX. AT 3～6GHz, 1.55 MAX. AT 6～9GHz			
MAIN CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.			
GROUND CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.			
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.			
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC 1 MINUTE			
DURABILITY	30 CYCLES			
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 30 N MAX. / AFTER TEST : 30 N MAX.			
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 20 N MAX. 5 N MIN. / AFTER TEST : 20 N MAX. 3 N MIN.			
PRODUCT SPECIFICATION	PRS-1944 (CABLE Φ0.64 TYPE) PRS-1772 (CABLE Φ0.81 TYPE)	PRS-2051 (CABLE Φ0.95 TYPE) PRS-1772 (CABLE Φ1.13 TYPE)	PRS-2062 (CABLE Φ0.83 TYPE)	PRS-2008 (CABLE Φ1.37 TYPE)
TEST REPORT	TR-14078 (CABLE Φ0.64 TYPE) TR-13011 (CABLE Φ0.81 TYPE)	TR-14142 (CABLE Φ0.95 TYPE) TR-13011 (CABLE Φ1.13 TYPE)	TR-15011 (CABLE Φ0.83 TYPE)	TR-14100 (CABLE Φ1.37 TYPE)
PACKING STANDARD	20449-001E-03: 300-604			
INSTRUCTION MANUAL	HIM-12011	HIM-12012		HIM-16011
APPEARANCE CRITERIA No.	QLS-A***			

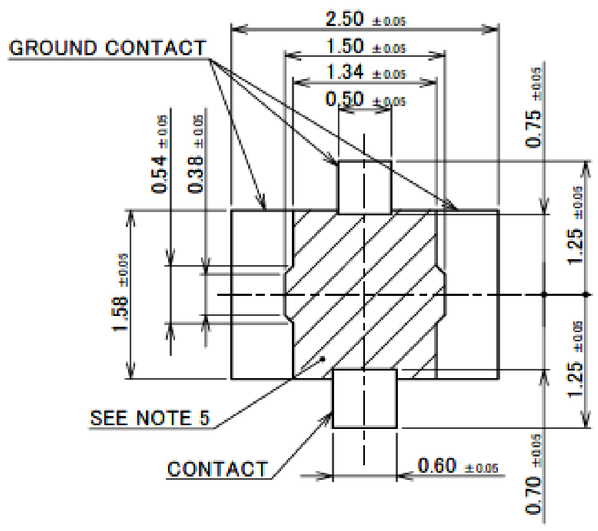
Rev.21

FOR MHF 4 SMT PLUG

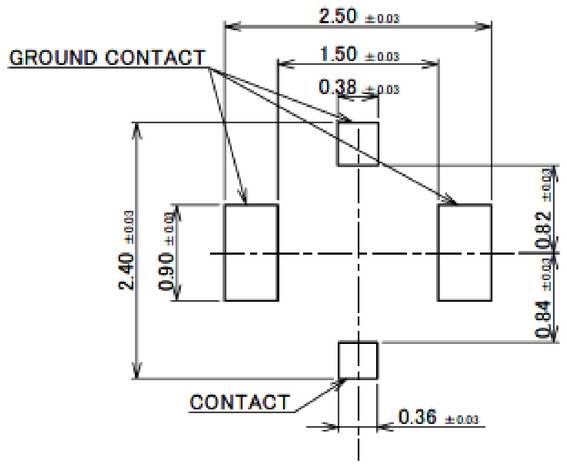
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20462-001E (MHF 4 SMT PLUG)
RATING VOLTAGE	60 V AC (R.M.S)/DC
RATING FREQUENCY	DC～9GHz
OPERATING TEMPERATURE	233～363 K(-40℃～+90℃)
CHARACTERISTIC IMPEDANCE	50 ohm (NOMINAL VALUE)
VSWR (MATED WITH SMA ADAPTER PART No. 90449-002)	1.30 MAX. AT 0.1～3GHz, 1.40 MAX. AT 3～6GHz, 1.55 MAX. AT 6～9GHz
MAIN CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC 1 MINUTE
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 30 N MAX. / AFTER TEST : 15 N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 4 N MIN. / AFTER TEST : 2 N MIN.
PRODUCT SPECIFICATION	PRS-1404
TEST REPORT	TR-08022
PACKING STANDARD	20449-001E-03: 300-604
INSTRUCTION MANUAL	HIM-15005
APPEARANCE CRITERIA No.	QLS-A***

Rev.21

MHF® 4 Receptacle

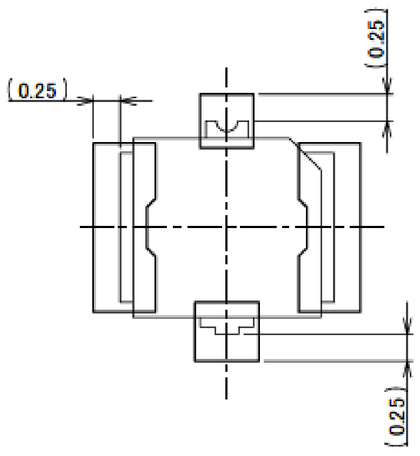


RECOMMENDED FOOTPRINT PATTERN

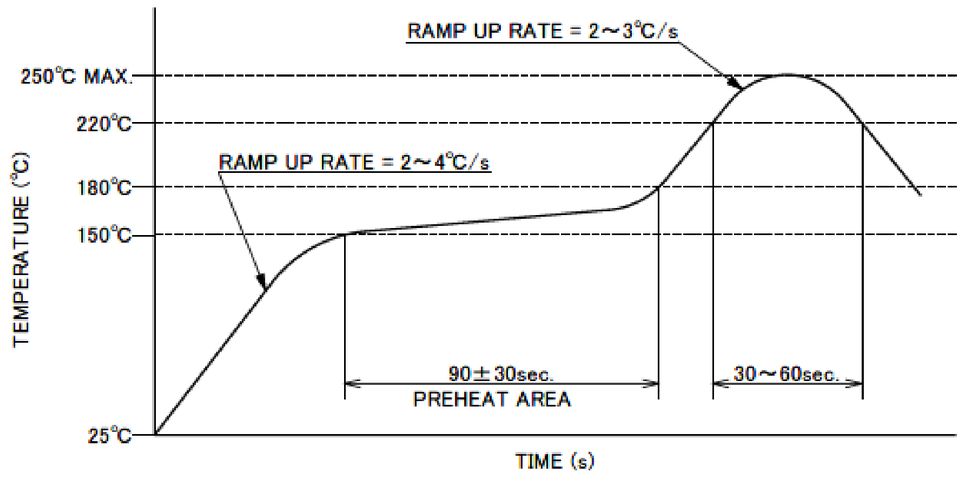


MASK THICKNESS: 0.12 mm

RECOMMENDED METAL MASK LAYOUT



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



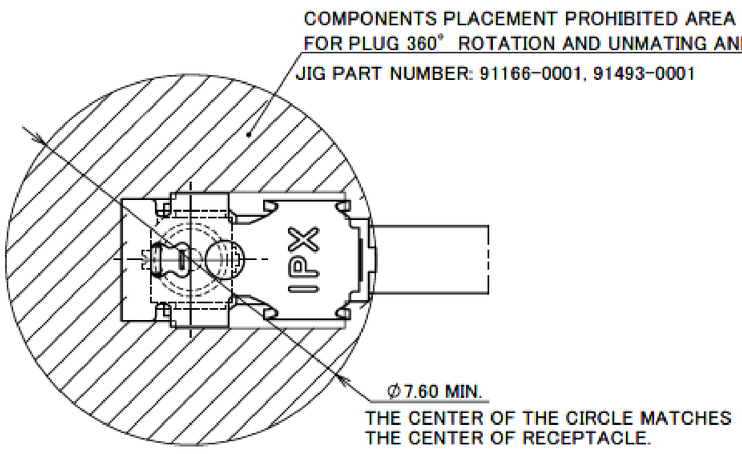
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

NOTE 5. NO GROUND, SIGNAL, AND RESIST IN THIS AREA.

Rev.21

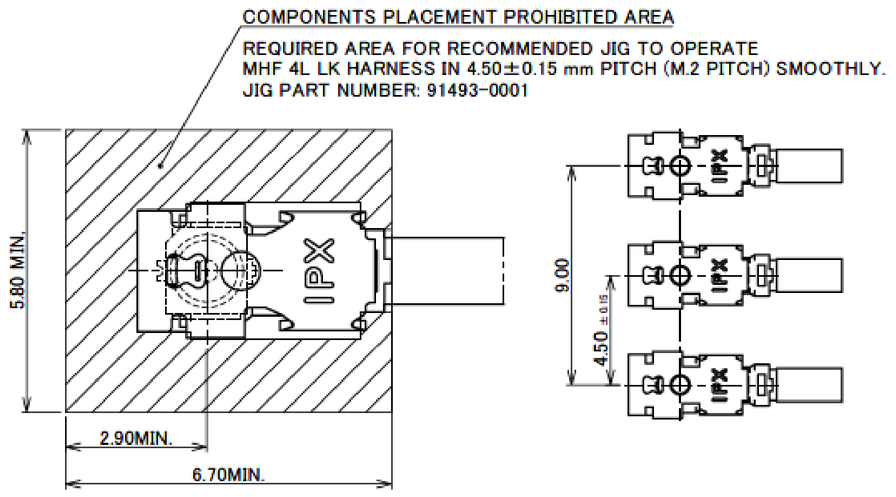
COMPONENT PLACEMENT PROHIBITED AREA FOR MHF 4 RECEPTACLE MATED WITH MHF 4L LK HARNESS REQUIRED AREA FOR RECOMMENDED JIG TO OPERATE

SINGLE CONNECTOR LAYOUT



MATING AND LOCK CONDITION
WITH MHF 4L LK HARNESS

MULTIPLE CONNECTORS LAYOUT



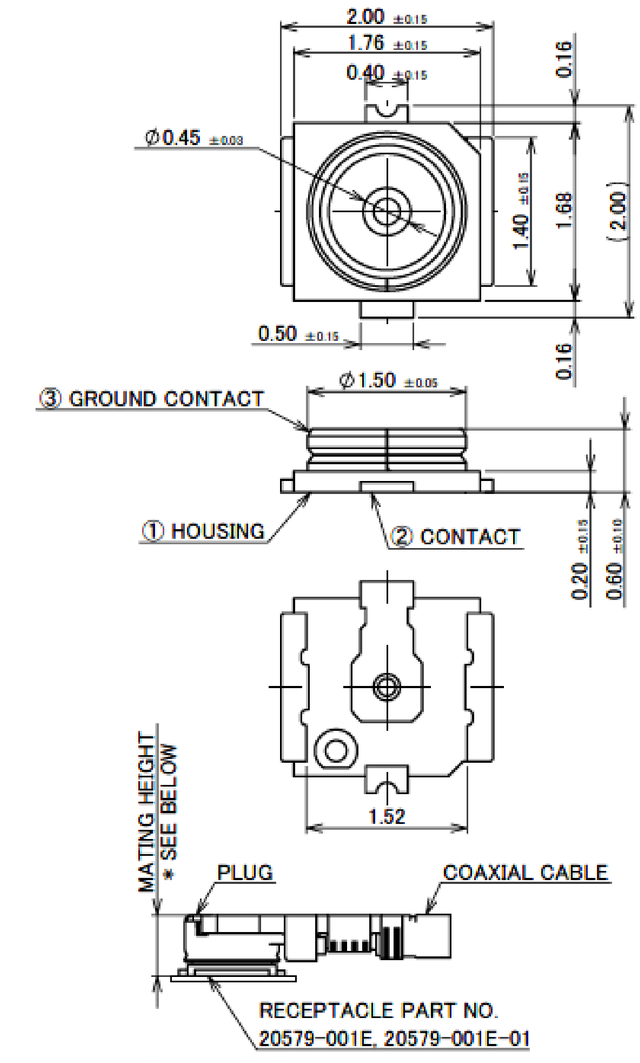
MATING AND LOCK CONDITION
WITH MHF 4L LK HARNESS NARROW PITCH

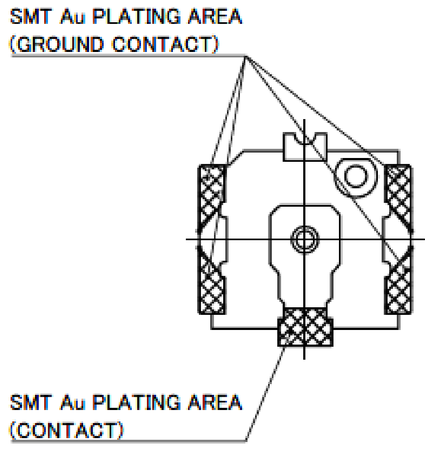
MHF 4L LK HARNESS UNLOCK CONDITION
NARROW PITCH DIMENSIONS
(S = 5 : 1)

Rev.21

MHF® 4L Receptacle

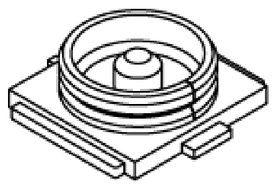
Recommended P/N	20579-001E
PART NO.	PACKING QUANTITY / REEL
20579-001E	10,000 PCS.
20579-001E-01	20,000 PCS.





Halogen Free

RoHS Compliant



NOTES.
1. APPLICABLE CONNECTOR (CABLE SIZE)
   MHF 4 PLUG: 20611-001R (Φ0.81)
   20448-00*R-081 (Φ0.81)
   20448-001R-081E (Φ0.81)
   MHF 4L PLUG: 20572-001R-08 (Φ0.64, Φ0.81)
   20565-001R-** (Φ0.83, Φ0.95, Φ1.13)
   20632-001R-37 (Φ1.37)
2. COPLANARITY: 0.1 mm MAX.

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00μm MIN. CONTACT PART: Au 0.05μm MIN. , SOLDERING PART Au AREA: 0.03μm MIN.
2	CONTACT	BRASS	ALL OVER Ni 1.00μm MIN. CONTACT PART: Au 0.05μm MIN. SOLDERING PART Au AREA: 0.03μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK

* MATING HEIGHT
1.2 MAX. WITH 20611-001R, 20572-001R-08,
20448-00*R-081, 20448-001R-081E
1.4 MAX. WITH 20565-001R-**
1.7 MAX. WITH 20632-001R-37
(2.0 MAX. WITH MHF 4L LK LOCKED CONDITION)

MATING CONDITION
WITH MHF 4/MHF 4L PLUG
(S = 10/1)

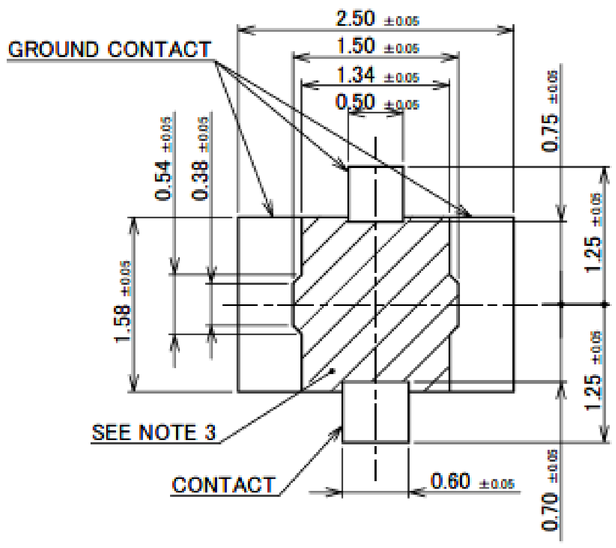
Rev.16

FOR MHF 4L PLUG

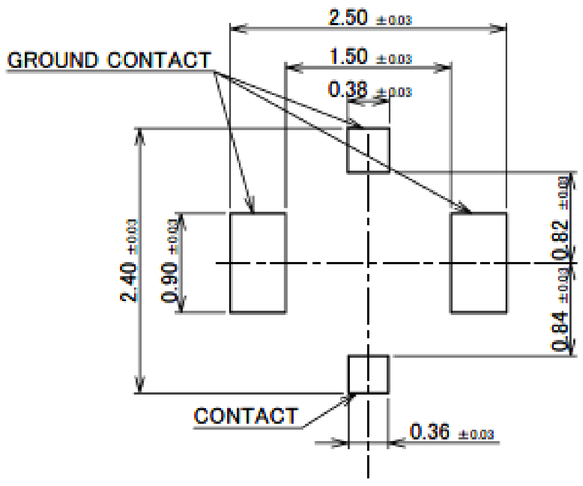
ITEMS	SPECIFICATION		
APPLICABLE CONNECTOR PART No.	20572-001R-08 (CABLE Φ0.81 TYPE)	20565-001R-13 (CABLE Φ1.13 TYPE)	20632-001R-37 (CABLE Φ1.37 TYPE)
RATING VOLTAGE	60 V AC (R.M.S)/DC		
RATING FREQUENCY	DC ～ 12GHz		
OPERATING TEMPERATURE	233～363 K(-40℃～+90℃)		
VSWR (MATED WITH SMA ADAPTER PART No. 90449-002)	1.30 MAX. AT 0.1～3GHz, 1.40 MAX. AT 3～6GHz, 1.50 MAX. 6～9GHz. 1.65 MAX. AT 9～12GHz		
MAIN CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.		
GROUND CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ⊿R 20 mohm MAX.		
INSULATION RESISTANCE	INITIAL : 500 Mohm MIN. / AFTER TEST : 100 Mohm MIN.		
DIELECTRIC WITHSTANDING VOLTAGE	200 V AC 1 MINUTE		
DURABILITY	30 CYCLES		
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 30 N MAX. / AFTER TEST : 30 N MAX.		
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 20 N MAX. 5 N MIN. / AFTER TEST : 20 N MAX. 3 N MIN.		
PRODUCT SPECIFICATION	PRS-1907		PRS-2925
TEST REPORT	TR-14097		TR-24070
PACKING STANDARD	20579-001E: PST-14004 20579-001E-01: PST-14067		
INSTRUCTION MANUAL	HIM-12011	HIM-12012	HIM-16011
APPEARANCE CRITERIA No.	QLS-A***		

Rev.16

MHF® 4L Receptacle

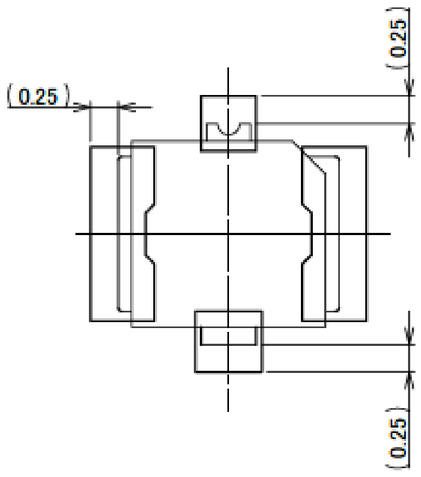


RECOMMENDED FOOTPRINT PATTERN

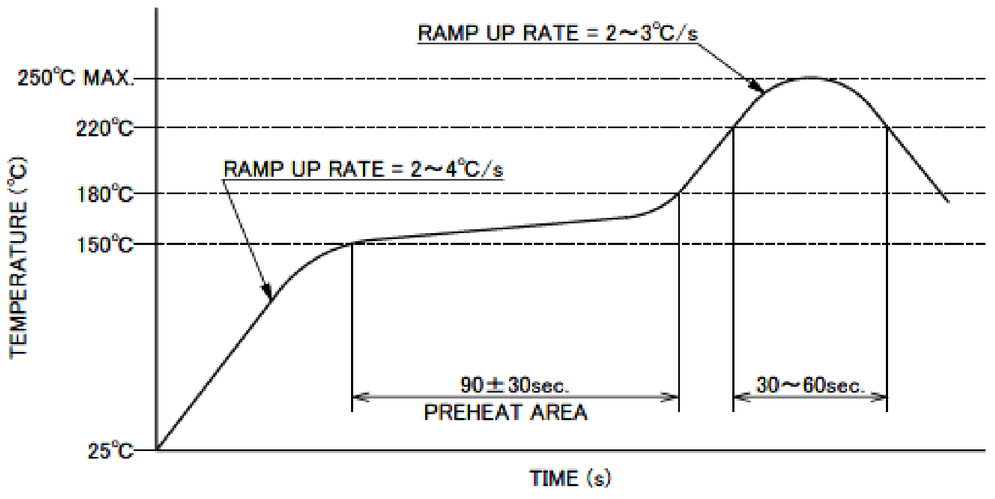


MASK THICKNESS: 0.12 mm

RECOMMENDED METAL MASK LAYOUT



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



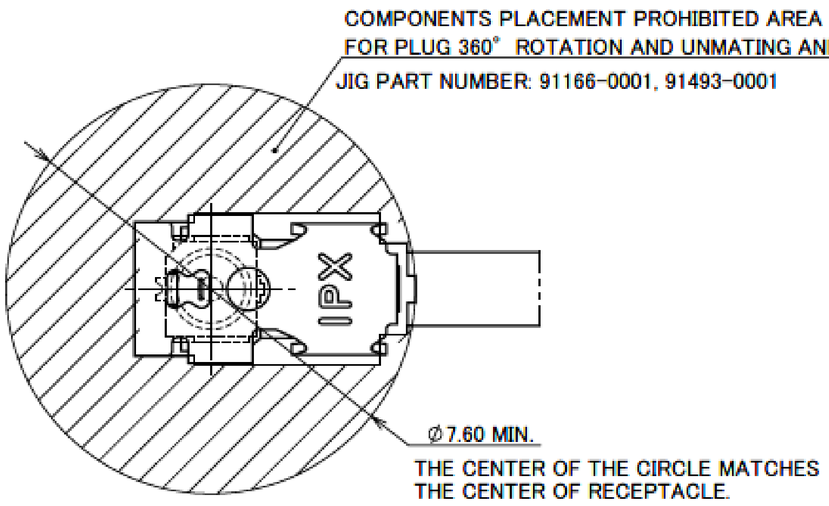
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

NOTE 3. NO GROUND, SIGNAL, AND RESIST IN THIS AREA.

Rev.16

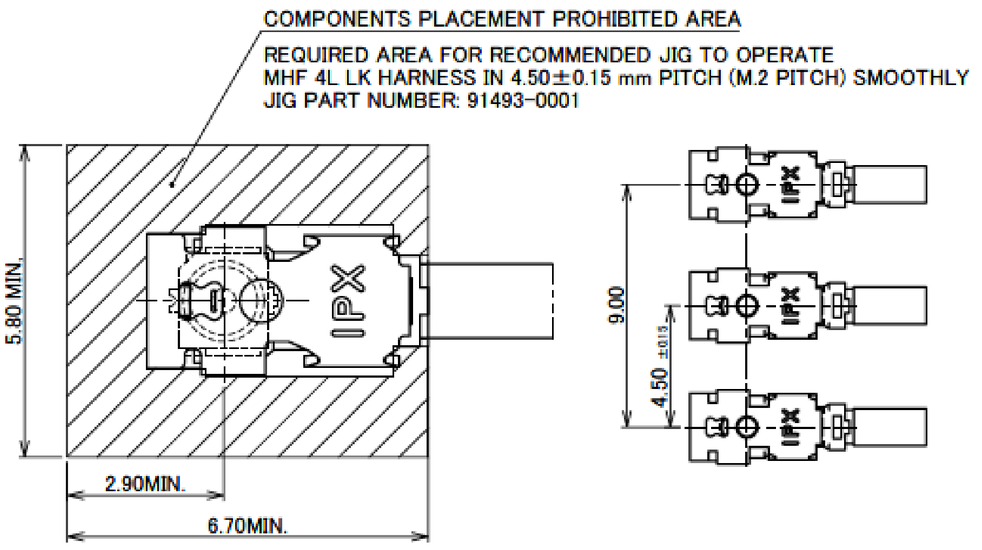
COMPONENT PLACEMENT PROHIBITED AREA FOR MHF 4L RECEPTACLE MATED WITH MHF 4L LK HARNESS REQUIRED AREA FOR RECOMMENDED JIG TO OPERATE

SINGLE CONNECTOR LAYOUT



MATING AND LOCK CONDITION
WITH MHF 4L LK HARNESS

MULTIPLE CONNECTORS LAYOUT

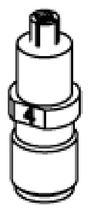


MATING AND LOCK CONDITION
WITH MHF 4L LK HARNESS NARROW PITCH

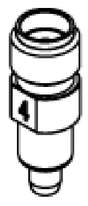
MHF 4L LK HARNESS UNLOCK CONDITION
NARROW PITCH DIMENSIONS
(S = 5 : 1)

Rev.16

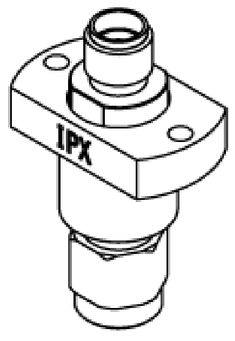
Accessories for MHF® 4 plug



MHF 4 (4L) SMA ADAPTER
PART NO. 90449-002

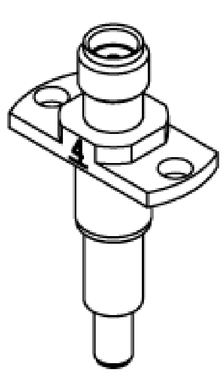


MHF 4 RECEPTACLE HIGH CYCLE ATTACHMENT
PART NO. 90683-0001

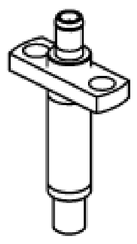


MHF SERIES HIGH CYCLE SMA ADAPTER BASE UNIT
PART NO. 90684-0001

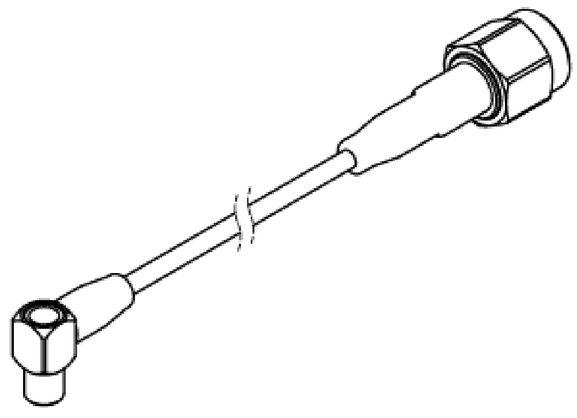
＊90683-0001 AND 90684-0001 SHOULD BE USED TOGETHER.



MHF 4 (4L) RECEPTACLE HIGH CYCLE SMA ADAPTER
PART NO. 90698-0001



MHF 4 (4L) RECEPTACLE HIGH CYCLE N45 C ADAPTER
PART NO. 90576-0001



MHF SERIES N45 C TO SMA ADAPTER CABLE
PART NO. 90577-****

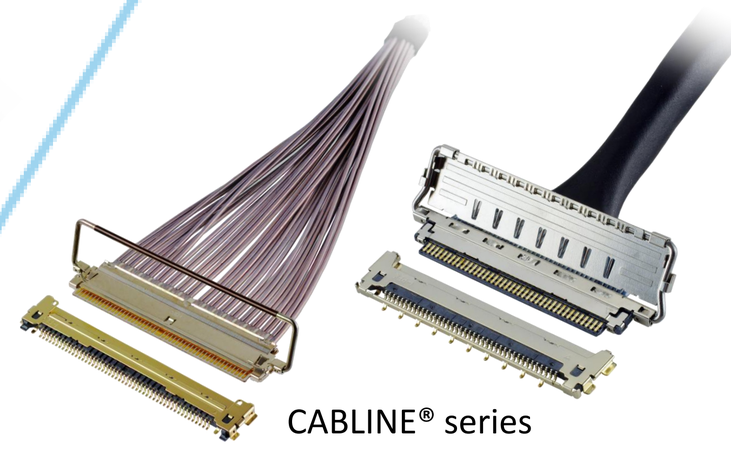
＊90576-0001 AND 90577-**** SHOULD BE USED TOGETHER.

Rev.16

Custom Connectors Available

RF Connectors

MHF® series



CABLINE® series

Micro-coaxial/Twinax Connectors

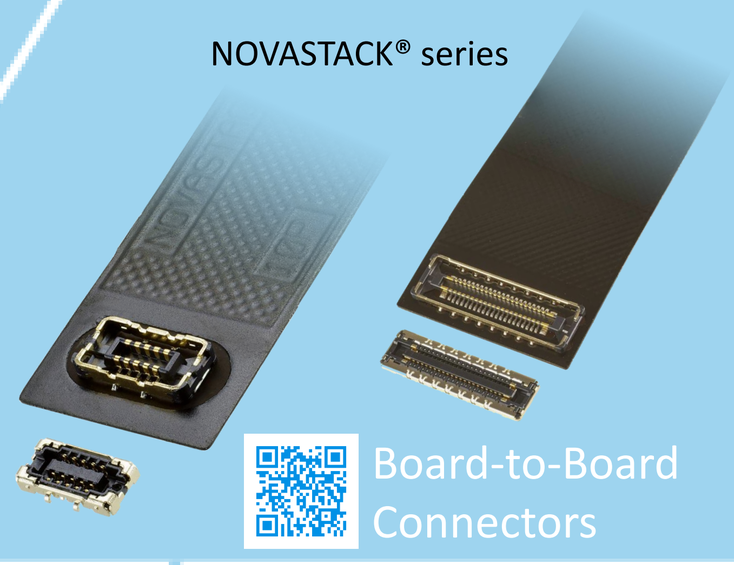
Wire-to-Board Connectors/ Terminals

AP series

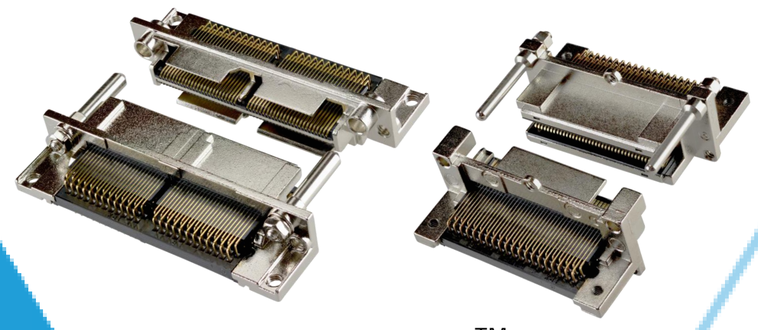
ISH® series

Board-to-Board Connectors

NOVASTACK® series



I/O Connectors

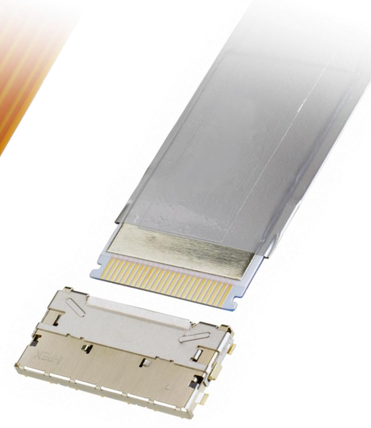


MINIDOCK™ series

FPC/FFC Connectors

MINIFLEX® series

EVAFLEX® series



Inquiry

Contact your sales representative or more detailed information.

www.i-pex.com

I-PEX