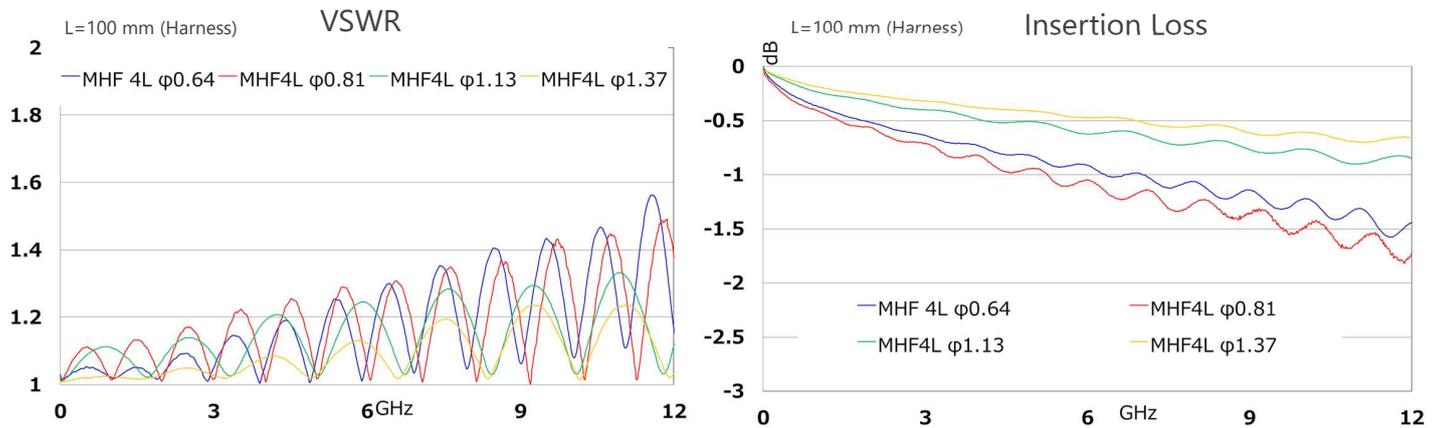




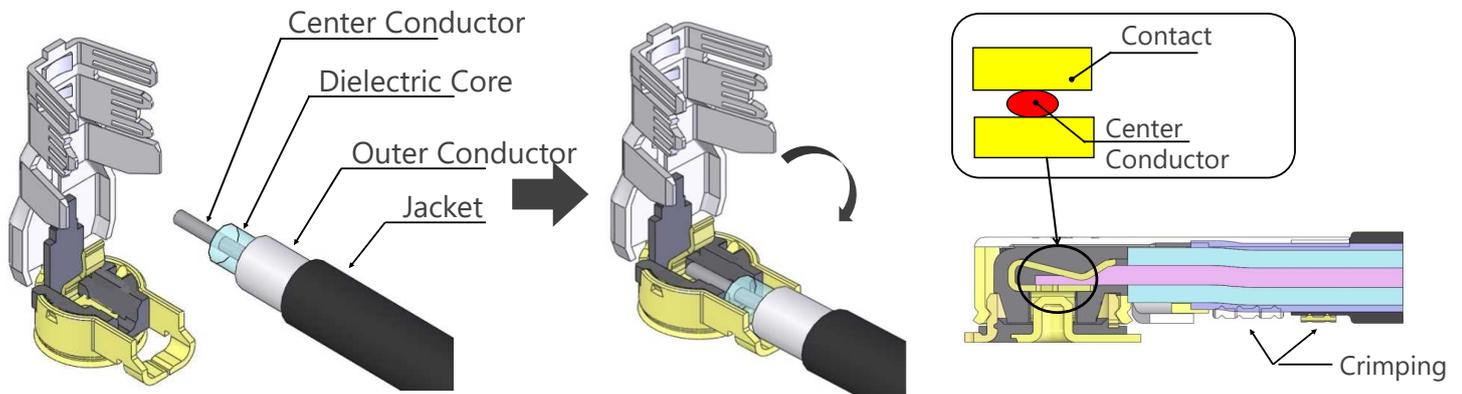
- ✓ 最小限の製品サイズで、~12GHzにおいて優れたパフォーマンスを実現
- ✓ 信頼性の高い無半田結線技術“i-Fit[®]”テクノロジーにより、安定した性能のハーネス提供
- ✓ 対応ケーブル：1.13 mm(32), 0.95 mm(33)

| | | |
|--------------------------------------|--|-----------|
| Maximum height (mm) | 1.4 | |
| Outside dimension of receptacle (mm) | 2.0 x 2.0 | |
| Applicable wire gauge | O.D. 1.13 mm / AWG 32 O.D. 0.95 mm / AWG 33 | |
| Frequency | DC~12 GHz | |
| VSWR (L=100 mm) | DC~3 GHz | 1.3 max. |
| | 3 GHz~6 GHz | 1.45 max. |
| | 6 GHz~9 GHz | 1.6 max. |
| | 9 GHz~12 GHz | 1.9 max. |
| | 12 GHz~15 GHz | - |
| Service temp. (Celsius) | -40 degree ~ +90 degree | |
| Characteristic impedance | 50 ohm | |
| Rated voltage | AC60V | |
| Contact resistance | 20m ohm max. | |
| Withstand voltage | AC200V/min | |
| Insulation resistance | 500M ohm min./DC100V | |

最小限の製品サイズで、~12GHzにおいて優れたパフォーマンスを実現



信頼性の高い無半田結線技術“i-Fit[®]”テクノロジーにより、安定した性能のハーネス提供



対応ケーブル：1.13 mm(32), 0.95 mm(33)

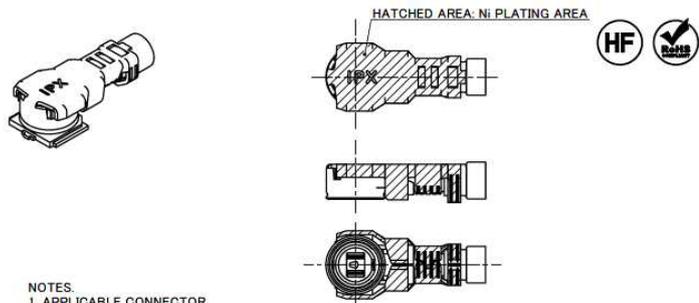
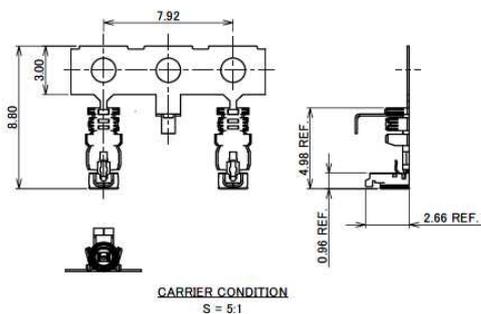
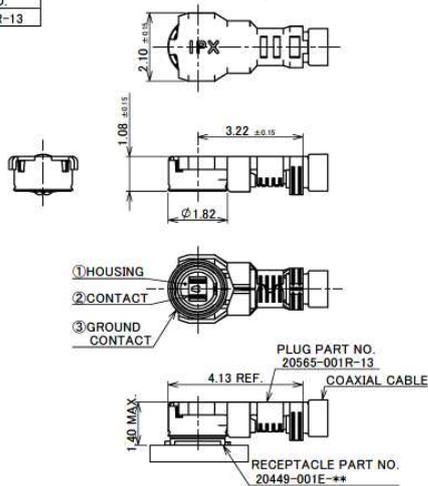
| Coax O.D. (Center Conductor AWG) | Mating Height | | |
|-------------------------------------|-------------------------------------|-------------|-------------|
| | 1.7 mm max. | 1.4 mm max. | 1.2 mm max. |
| 2.00 mm (26) | | | |
| 1.80 mm (30) | | | |
| 1.37 mm (30) | ○ | | |
| 1.32 mm (32) | | | |
| 1.13 mm (32) | | ○ | |
| 0.95 mm (33) | | ○ | |
| 0.81 mm (33) | | | |
| 0.81 mm (36) | | | ○ |
| 0.64 mm (36) | | | ○ |
| 0.48 mm (38) | | | |
| Receptacle | MHF 4 receptacle, MHF 4L receptacle | | |

MHF[®] 4L

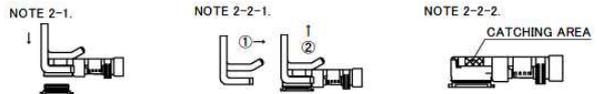
Component Parts Detail

MHF[®] 4L plug Ni top (1.13,0.95)

| | |
|-----------------|---------------|
| Recommended P/N | 20565-001R-13 |
| PART NO. | 20565-001R-13 |



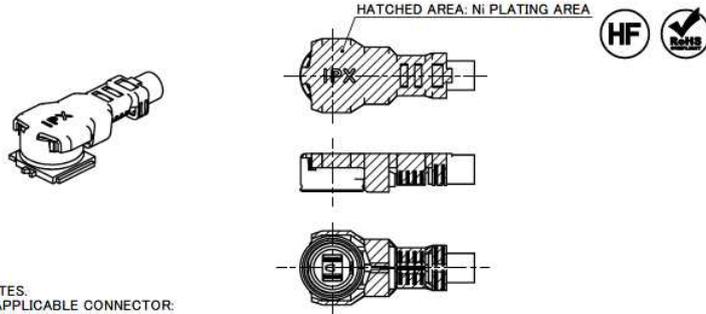
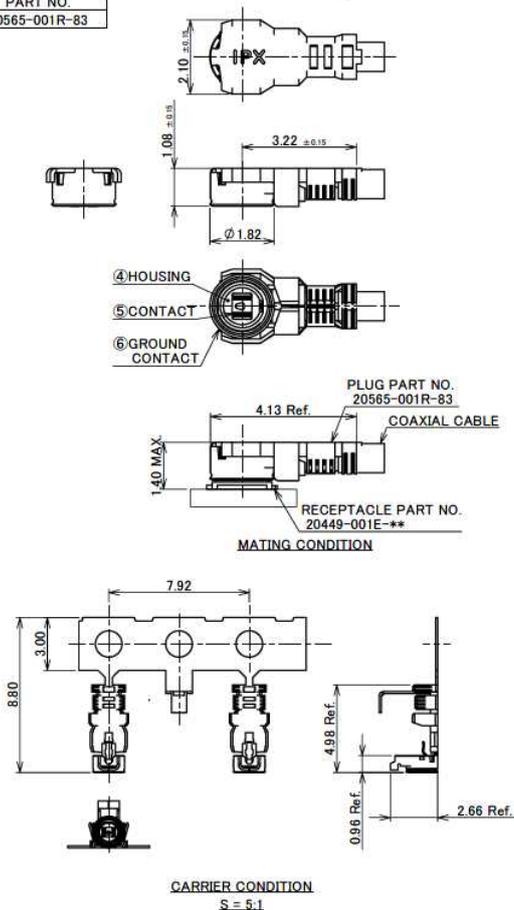
- NOTES.
- APPLICABLE CONNECTOR
20449-001E-***
20579-001E-***
 - MATING AND UNMATING INSTRUCTION
 - MATING
MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
 - UNMATING INSTRUCTION
2-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90609-0001)
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 PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.



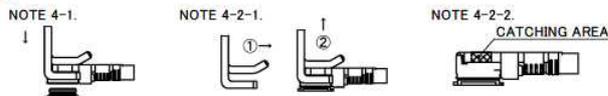
| NO. | DESCRIPTION | MATERIAL | FINISH . REMARKS |
|-----|----------------|-----------------|---|
| 3 | GROUND CONTACT | PHOSPHOR BRONZE | ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.05 μm MIN. [Ni PLATING AREA] Ni ONLY |
| 2 | CONTACT | PHOSPHOR BRONZE | ALL OVER Ni 1.00 μm MIN. CONTACT PART Au 0.10 μm MIN. |
| 1 | HOUSING | PBT | UL94V-0, BLACK |

MHF® 4L plug Ni top (1.13,0.95)

Recommended P/N 20565-001R-83
 PART NO.
 20565-001R-83



NOTES.
 3. APPLICABLE CONNECTOR:
 20449-001E-**
 20579-001E-**
 4. MATING AND UNMATING INSTRUCTION
 4-1. MATING
 MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
 4-2. UNMATING INSTRUCTION
 4-2-1. IN CASE OF UNMATING BY PULLING TOOL (PART NO. 90609-0001)
 USE THE PULLING TOOL AS THE FOLLOWING DRAWING, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.
 4-2-2. IN CASE OF UNMATING DIRECTLY BY HAND
 CATCH THE CATCHING AREA OF PLUG, AND PULL PLUG TO VERTICAL DIRECTION AS DIRECTLY AS POSSIBLE.



| | | | |
|-----|----------------|-----------------|---|
| 6 | GROUND CONTACT | PHOSPHOR BRONZE | ALL OVER Ni: 1.00 μm MIN. CONTACT PART Au 0.05 μm MIN. [Ni PLATING AREA] Ni: ONLY |
| 5 | CONTACT | PHOSPHOR BRONZE | CONTACT PART FINISH: Au 0.10 μm MIN. UNDER PLATE: Ni 1.00 μm MIN. |
| 4 | HOUSING | PBT | UL94V-0, BLACK |
| NO. | DISCRIPTION | MATERIAL | FINISH, REMARKS |

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MHF® 4L plug Ni top (1.13,0.95)

| ITEMS | SPECIFICATION | | |
|---|---|--------------------|--------------------|
| | AWG#32 (1.13 O.D.) | AWG#33 (0.95 O.D.) | AWG#34 (0.83 O.D.) |
| APPLICABLE CABLE | AWG#32 (1.13 O.D.) | AWG#33 (0.95 O.D.) | AWG#34 (0.83 O.D.) |
| RECOMMENDED APPLICABLE CONNECTOR PART No. | 20449-001E-** | | |
| RATING VOLTAGE | 60 V AC (R.M.S) | | |
| RATING FREQUENCY | DC ~ 12GHz | | |
| OPERATING TEMPERATURE | 233 ~ 363 K (-40°C ~ +90°C) | | |
| VSWR | 1.3 MAX. AT DC ~ 3GHz, 1.45 MAX. AT 3 ~ 6GHz, 1.6 MAX. AT 6 ~ 9GHz, 1.9 MAX. AT 9 ~ 12GHz | | |
| MAIN CONTACT RESISTANCE | INITIAL: 20 mohm MAX. / AFTER TEST: ΔR 20 mohm MAX. | | |
| GROUND CONTACT RESISTANCE | INITIAL: 20 mohm MAX. / AFTER TEST: ΔR 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-1772 | PRS-2051 | PRS-2062 |
| TEST REPORT | TR-13011 | TR-14142 | TR-15011 |
| PACKING STANDARD | PST-12066 | | |
| INSTRUCTION MANUAL | HIM-12012 | | |
| APPEARANCE CRITERIA No. | GLS-A*** | | |

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MHF® 4L plug Ni top (1.13,0.95)

| | | |
|---|---|---------------------------------|
| PART NO. | 20565-001R-13 | |
| APPLICABLE CABLE STRIP DIMENSION | | |
| | ※DO NOT USE SOLDER COATED EITHER INNER OR OUTER CONDUCTOR CABLES. | |
| | REQUIREMENTS CHARACTERISTIC IMPEDANCE: 50 ohm by TDR METHOD NOMINAL CAPACITANCE (REFERENCE VALUE): 97pF/m CONDUCTOR RESISTANCE OF INNER CONDUCTOR AT 293K (REFERENCE VALUE): OD 1.13 TYPE...520 ohm/km OD 0.95 TYPE...752 ohm/km INSULATION RESISTANCE: OD1.13 TYPE...1500 Mega-ohm.km MIN. OD0.95 TYPE...1000 Mega-ohm.km MIN. DIELECTRIC WITHSTAND VOLTAGE: OD1.13 TYPE...NO BREAKDOWN AT AC1000V FOR 1 MINUTE. OD0.95 TYPE...NO BREAKDOWN AT AC500V FOR 1 MINUTE. | |
| BRAIDED SHIELD OF OUTER CONDUCTOR | SINGLE BRAIDED SHIELD | SINGLE BRAIDED SHIELD |
| PART NO. OF SEMI AUTO TERMINATION MACHINE | 90600-013 | 90600-010 |
| | ※USE FOR POINT MICROMETER. | |
| CRIMP HEIGHT | | |
| | CH-1 (i-Fit® PART) 1.07~1.11 | CH-2 (SHIELD PART) 0.90~0.94 |
| | CH-3 (JACKET PART) 1.16~1.20 | CH-1 (i-Fit® PART) 1.04~1.08 |
| | CH-2 (SHIELD PART) 0.92~0.96 | CH-3 (JACKET PART) 1.16~1.20 |

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MHF® 4L plug Ni top (1.13,0.95)

| | | | |
|---|---|---------------------------------|---------------------------------|
| PART NO. | 20565-001R-83 | | |
| APPLICABLE CABLE STRIP DIMENSION | | | |
| | ※DO NOT USE SOLDER COATED EITHER INNER OR OUTER CONDUCTOR CABLES. | | |
| | REQUIREMENTS CHARACTERISTIC IMPEDANCE: 50 ohm BY TDR METHOD NOMINAL CAPACITANCE (REFERENCE VALUE): 96pF/m CONDUCTOR RESISTANCE OF INNER CONDUCTOR AT 293K (Reference value): 925 ohm/km INSULATION RESISTANCE: 1000 Mega-ohm.km MIN. DIELECTRIC WITH STANCE VOLTAGE: NO BREAKDOWN AT AC 1500V FOR 1 MINUTE. | | |
| BRAIDED SHIELD OF OUTER CONDUCTOR | SINGLE BRAIDED SHIELD | | |
| PART NO. OF SEMI AUTO TERMINATION MACHINE | 90600-083 | | |
| | ※USE FOR POINT MICROMETER. | | |
| CRIMP HEIGHT | | | |
| | CH-1 (i-Fit® PART) 0.91~0.95 | CH-2 (SHIELD PART) 0.84~0.88 | CH-3 (JACKET PART) 0.82~0.86 |

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Accessories for MHF[®] 4L (1.13,0.95)



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



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



FRONT SIDE



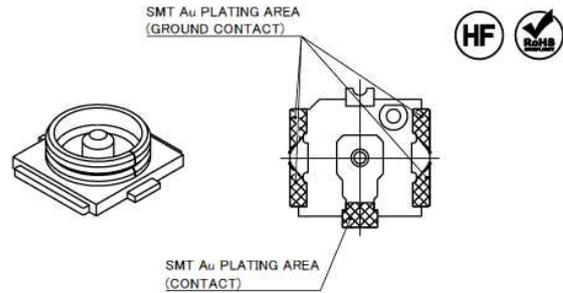
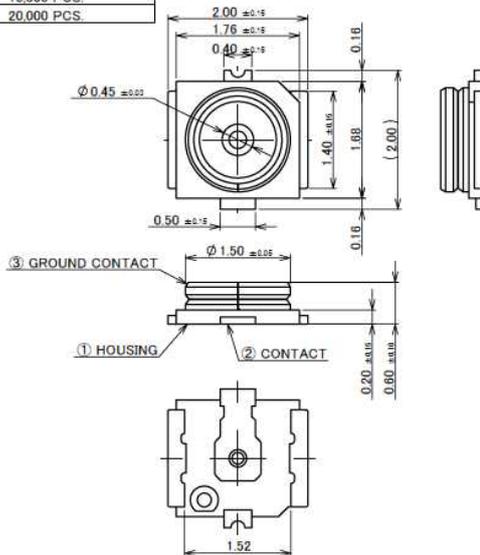
BACK SIDE

MHF 4L PUSHING AND PULLING TOOL
PART NO. 90609-0001

Rev.7

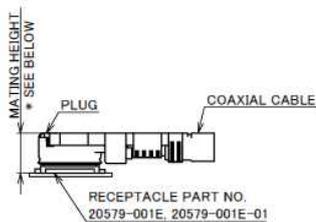
MHF[®] 4L Receptacle

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



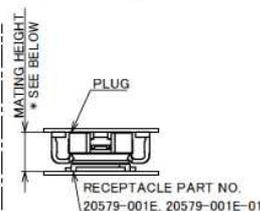
NOTES

- 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)
 MHF 4 SMT PUG: 20462-001E
 2. COPLANARITY: 0.1 mm MAX.



- * 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

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



- * MATING HEIGHT
 1.2 MAX. WITH 20462-001E

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

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

Rev.8

MHF® 4L Receptacle

FOR MHF 4L PLUG

| ITEMS | SPECIFICATION | |
|---------------------------------------|--|--------------------------------------|
| | 20572-001R-08 (CABLE Φ0.81 TYPE) | 20565-001E-13 (CABLE Φ 1.13 TYPE) |
| APPLICABLE CONNECTOR PART No. | | |
| RATING VOLTAGE | 60 V AC (R.M.S)/DC | |
| RATING FREQUENCY | DC ~ 6GHz | |
| OPERATING TEMPERATURE | 233~363 K(-40°C~+90°C) | |
| VSWR | 1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.85 MAX. AT 3~12GHz | |
| MAIN CONTACT RESISTANCE | INITIAL : 20 mohm MAX. / AFTER TEST : ΔR 20 mohm MAX. | |
| GROUND CONTACT RESISTANCE | INITIAL : 20 mohm MAX. / AFTER TEST : ΔR 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 | |
| TEST REPORT | TR-14097 | |
| PACKING STANDARD | 20579-001E: PST-14004 20579-001E-01: PST-14067 | |
| INSTRUCTION MANUAL | HIM-12011 | HIM-12012 |

Rev.8

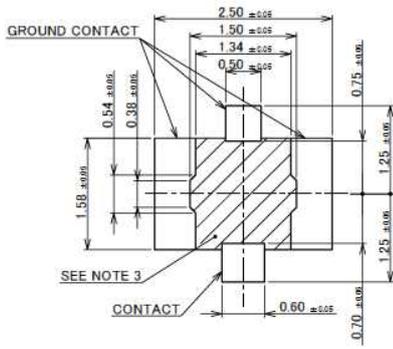
MHF® 4L Receptacle

FOR MHF 4 SMT PLUG

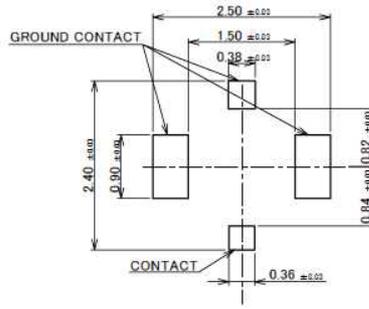
| ITEMS | SPECIFICATION | |
|---------------------------------------|---|--|
| | 20462-001E (MHF 4 SMT PLUG) | |
| APPLICABLE CONNECTOR PART No. | | |
| RATING VOLTAGE | 60 V AC (R.M.S)/DC | |
| RATING FREQUENCY | DC~6GHz | |
| OPERATING TEMPERATURE | 233~363 K(-40°C~+90°C) | |
| VSWR | 1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.85 MAX. AT 3~12GHz | |
| MAIN CONTACT RESISTANCE | INITIAL : 20 mohm MAX. / AFTER TEST : ΔR 20 mohm MAX. | |
| GROUND CONTACT RESISTANCE | INITIAL : 20 mohm MAX. / AFTER TEST : ΔR 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 | 20579-001E: PST-14004 20579-001E-01: PST-14067 | |

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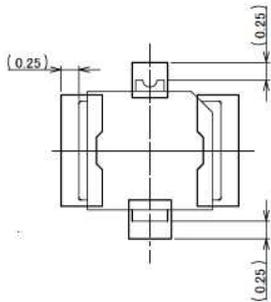
MHF® 4L Receptacle



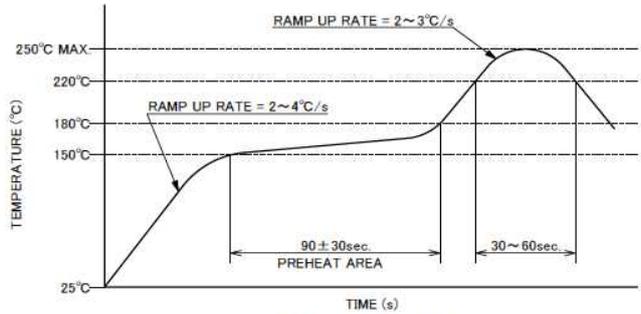
RECOMMENDED FOOTPRINT PATTERN



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)

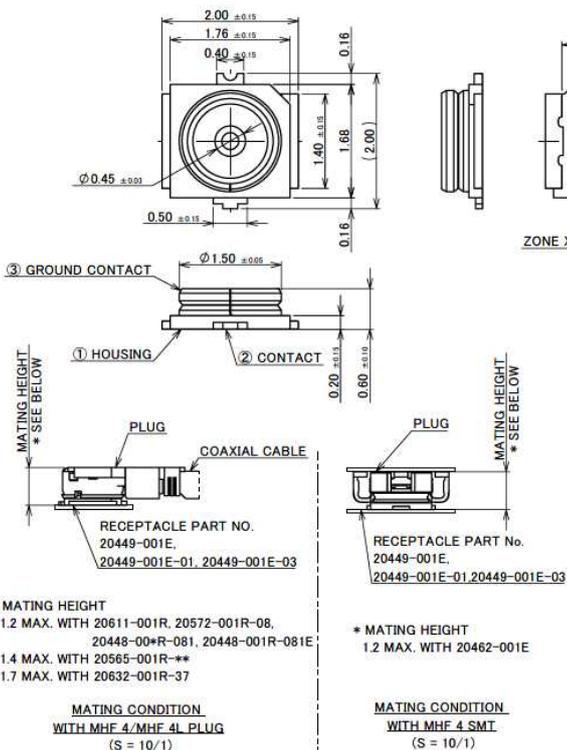
NOTE 3. CUT OUT PROHIBITION AREA.

Rev.8

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. ZONE X: Au 0.03 μm MIN. | TOP: Au 0.01 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 | | TOP: Au 0.05 μm MIN. | | | | | |
| 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. | |



NOTES.

- 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 (Φ0.84, Φ0.81), 20565-001R-** (Φ0.83, Φ0.95, Φ1.13), 20632-001R-37 (Φ1.37)
MHF 4 SMT PLUG: 20462-001E
- COPLANARITY: 0.1 mm MAX.
- THIS IS "Pb-FREE" CONNECTOR.
- CHARACTERISTIC IMPEDANCE: 50 Ω (NOMINAL VALUE)

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

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Rev.15

MHF[®] 4 Receptacle

FOR MHF 4 PLUG

| ITEMS | SPECIFICATION | |
|---------------------------------------|--|---|
| | 20611-001R (CABLE Φ 0.81 TYPE) | 20448-001R (CABLE Φ 0.81 TYPE) |
| APPLICABLE CONNECTOR PART No. | | |
| RATING VOLTAGE | 60 V AC (R.M.S)/DC | |
| RATING FREQUENCY | DC~9GHz | |
| OPERATING TEMPERATURE | 233~363 K (-40°C~+90°C) | |
| CHARACTERISTIC IMPEDANCE | 50 ohm (NOMINAL VALUE) | |
| VSWR | 1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.5 MAX. AT 6~9GHz | |
| 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. | INITIAL : 20 mohm MAX. / AFTER TEST : Δ 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*** | |

Rev.15

MHF[®] 4 Receptacle

FOR MHF 4L PLUG

| ITEMS | SPECIFICATION | | | |
|---------------------------------------|--|--|---|---|
| | 20572-001R-08 (CABLE Φ 0.64 TYPE) (CABLE Φ 0.81 TYPE) | 20565-001E-13 (CABLE Φ 0.95 TYPE) (CABLE Φ 1.13 TYPE) | 20565-001R-83 (CABLE Φ 0.83 TYPE) | 20632-001R-37 (CABLE Φ 1.37 TYPE) |
| APPLICABLE CONNECTOR PART No. | | | | |
| RATING VOLTAGE | 60 V AC (R.M.S)/DC | | | |
| RATING FREQUENCY | DC ~ 9GHz | | | |
| OPERATING TEMPERATURE | 233~363 K (-40°C~+90°C) | | | |
| CHARACTERISTIC IMPEDANCE | 50 ohm (NOMINAL VALUE) | | | |
| VSWR | 1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.5 MAX. AT 6~9GHz | | | |
| 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 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 Φ 0.64 TYPE) PRS-1772 (CABLE Φ 0.81 TYPE) | PRS-2051 (CABLE Φ 0.95 TYPE) PRS-1772 (CABLE Φ 1.13 TYPE) | PRS-2062 (CABLE Φ 0.83 TYPE) | PRS-2008 (CABLE Φ 1.37 TYPE) |
| TEST REPORT | TR-14078 (CABLE Φ 0.64 TYPE) TR-13011 (CABLE Φ 0.81 TYPE) | TR-14142 (CABLE Φ 0.95 TYPE) TR-13011 (CABLE Φ 1.13 TYPE) | TR-15011 (CABLE Φ 0.83 TYPE) | TR-14100 (CABLE Φ 1.37 TYPE) |
| PACKING STANDARD | 20449-001E-03: 300-604 | | | |
| INSTRUCTION MANUAL | HIM-12011 | HIM-12012 | | HIM-16011 |
| APPEARANCE CRITERIA No. | QLS-A*** | | | |

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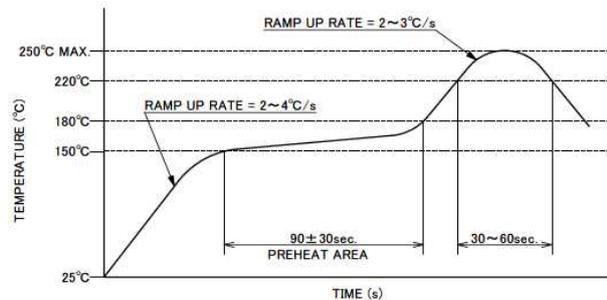
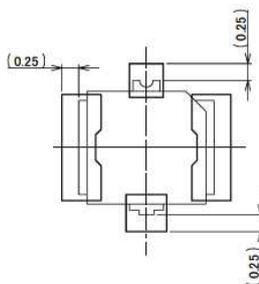
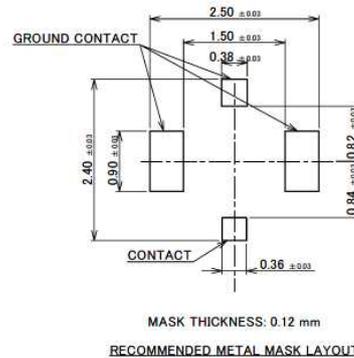
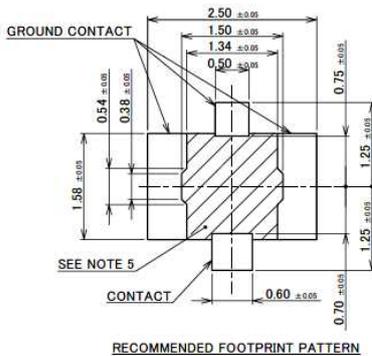
MHF[®] 4 Receptacle

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°C~+90°C) |
| CHARACTERISTIC IMPEDANCE | 50 ohm (NOMINAL VALUE) |
| VSWR | 1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.5 MAX. AT 6~9GHz |
| 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 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*** |

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MHF[®] 4 Receptacle



NOTE 5. CUT OUT PROHIBITION AREA.

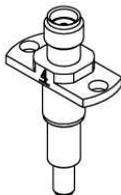
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Accessories for MHF[®] 4L Receptacle



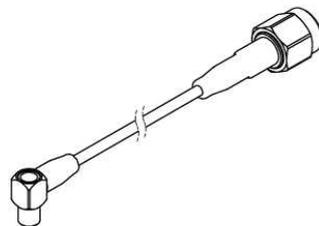
MHF 4 (4L) SMA ADAPTOR
PART NO. 90449-002



MHF 4 SMA ADAPTOR HIGH CYCLE TYPE
PART NO. 90688-0001



MHF 4 RECEPTACLE NARROW PITCH
SMA ADAPTOR HIGH CYCLE TYPE
PART NO. 90576-0001



4.5MM HIGH CYCLE TEST PROBE CABLE ASS'Y
PART NO. 90577-****

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

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