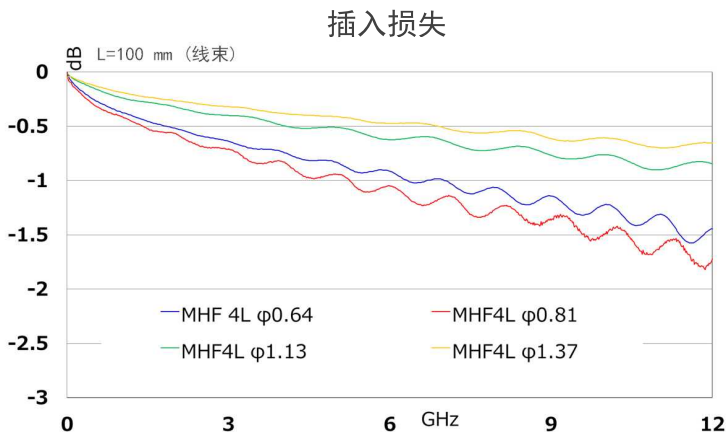
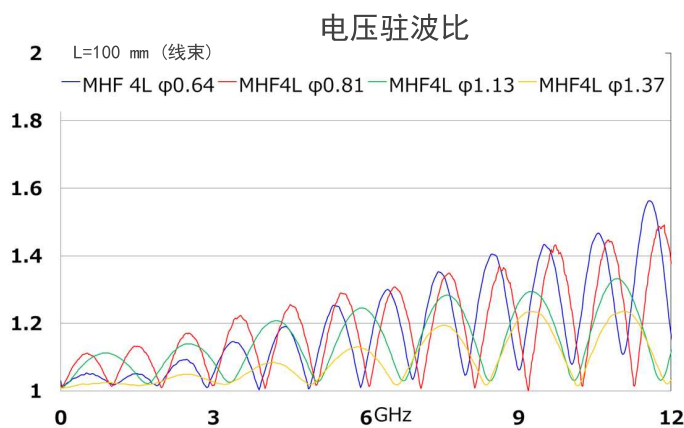




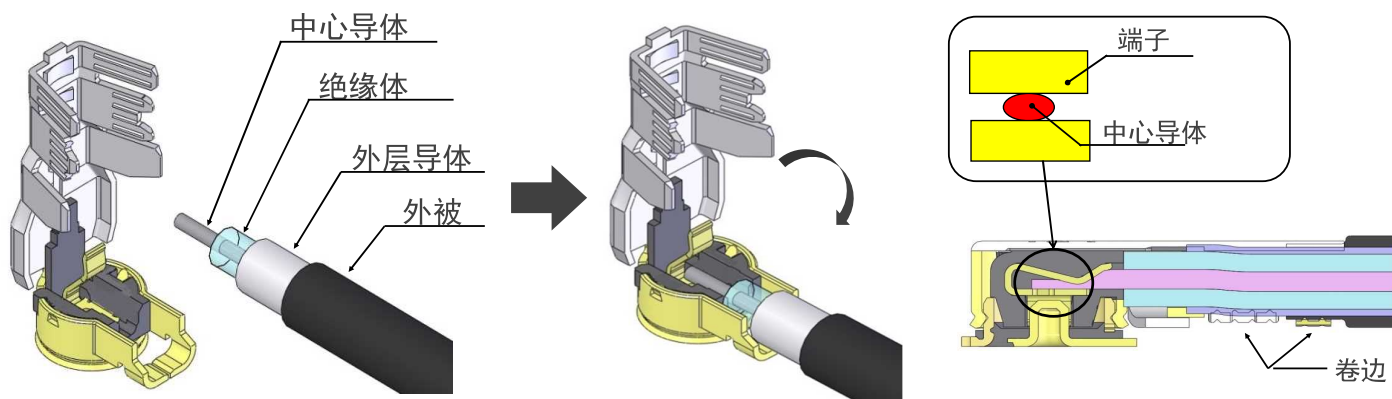
- ✓ 穿过 12 GHz 的高性能小型连接器
- ✓ 使用 “i-Fit®” 技术的无需焊接极细同轴线连接
- ✓ 极细同轴线外径 (AWG) : 1.13 mm (32), 0.95 mm (33)

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

穿过 12 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接



极细同轴线外径 (AWG) : 1.13 mm (32), 0.95 mm (33)

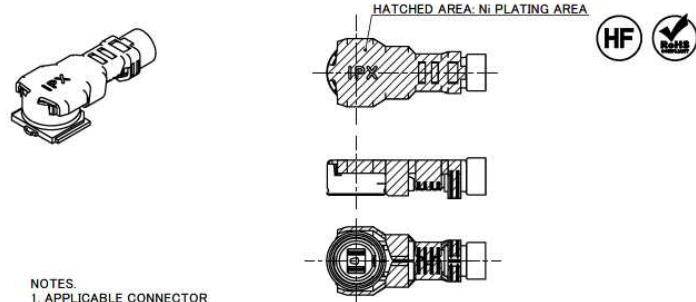
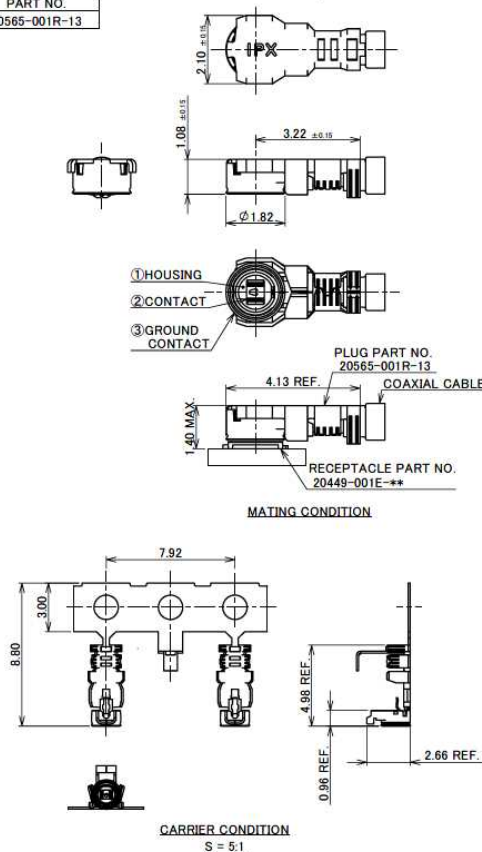
同轴线外径 (中心导体 AWG)	组合高度		
	最大 1.7 mm	最大 1.4 mm	最大 1.2 mm
2.00 mm (26)			
1.80 mm (30)			
1.37 mm (30)	○		
1.32 mm (32)			
1.13 mm (32)		○	
0.95 mm (33)		○	
0.81 mm (33)			
0.81 mm (36)			○
0.64 mm (36)			○
0.48 mm (38)			
母座	MHF 4 母座, MHF 4L 母座		

MHF[®] 4L

Component Parts Detail

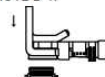
MHF[®] 4L plug Ni top (1.13,0.95)

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



- NOTES.
1. APPLICABLE CONNECTOR
20449-001E-**
20579-001E-**
 2. MATING AND UNMATING INSTRUCTION
 - 2-1. MATING
MATE THE CONNECTOR VERTICALLY AS MUCH AS POSSIBLE, ADJUSTING THE MATING AXIS OF PLUG AND RECEPTACLE. DO NOT SLANT MATE.
 - 2-2. 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.

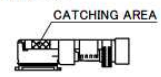
NOTE 2-1.



NOTE 2-2-1.



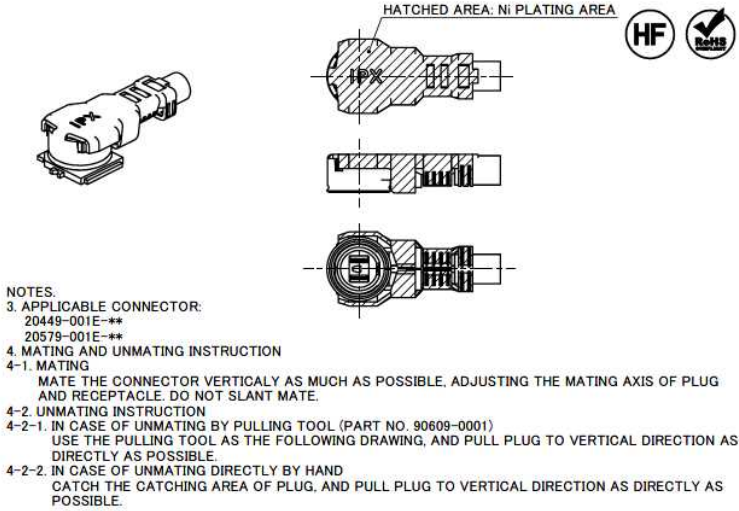
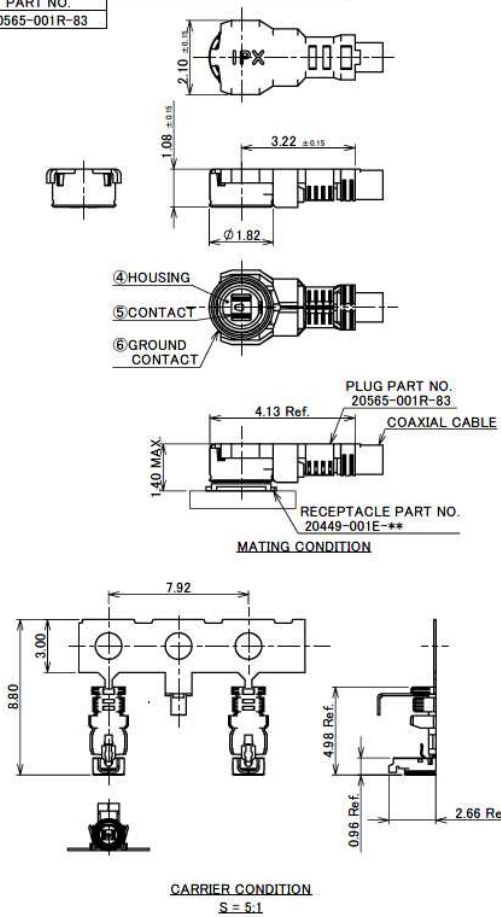
NOTE 2-2-2.



NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.05 μ m MIN. [Ni PLATING AREA] Ni ONLY
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.10 μ m 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.

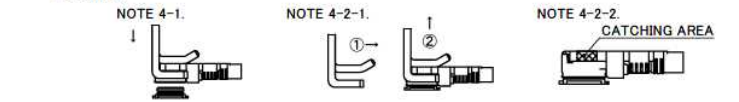
3. APPLICABLE CONNECTOR:
20449-001E-83
20579-001E-83

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

Confidential C

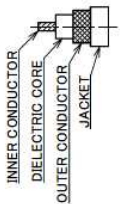
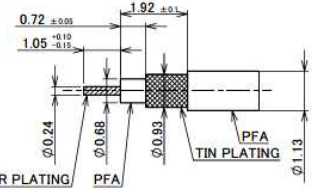
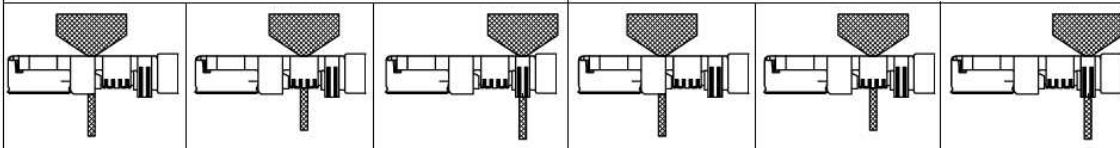
Rev.7

MHF® 4L plug Ni top (1.13,0.95)

ITEMS	SPECIFICATION		
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-83		
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: $\angle$ R 20 mohm MAX.		
GROUND CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: $\angle$ 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-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***		

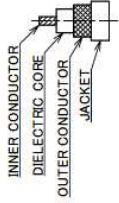
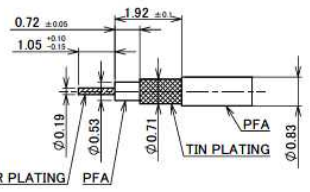
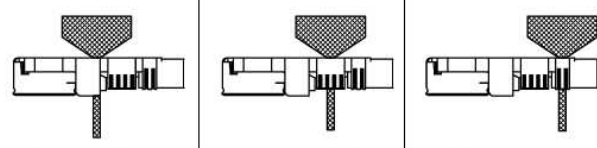
Rev.7

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	
PART NO. OF SEMI AUTO TERMINATION MACHINE	90600-013	
CRIMP HEIGHT	※USE FOR POINT MICROMETER.	
		
	CH-1 (i-Fit® PART) 1.07~1.11	CH-2 (SHIELD PART) 0.90~0.94

Rev.7

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	
CRIMP HEIGHT	※USE FOR POINT MICROMETER	
		
	CH-1 (i-Fit® PART) 0.91~0.95	CH-2 (SHIELD PART) 0.84~0.88

Rev.7

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



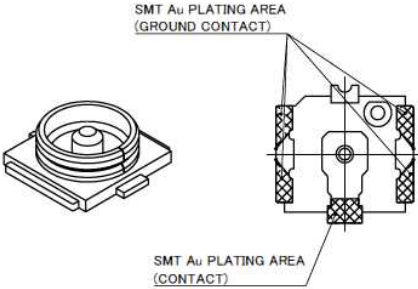
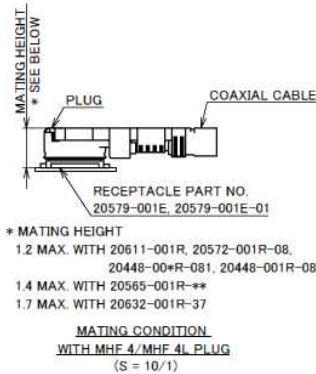
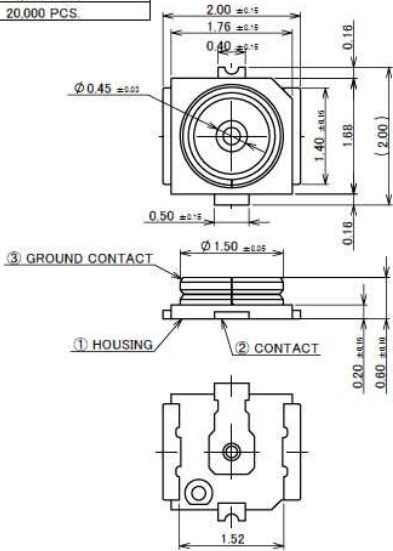
BACK SIDE

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.
1. APPLICABLE CONNECTOR (CABLE SIZE)
- MHF 4 PLUG: 20611-001R (Φ0.81), 20448-00R-081 (Φ0.81), 20448-001R-081E (Φ0.81)
- MHF 4L PLUG: 20572-001R-08 (Φ0.64, Φ0.81), 20565-001R-08 (Φ0.83, Φ0.95, Φ1.13), 20632-001R-37 (Φ1.37)
- MHF 4 SMT PUG: 20462-001E
2. COPLANARITY: 0.1 mm MAX.

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	
APPLICABLE CONNECTOR PART No.	20572-001R-08 (CABLE Φ0.81 TYPE)	20565-001E-13 (CABLE Φ1.13 TYPE)
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

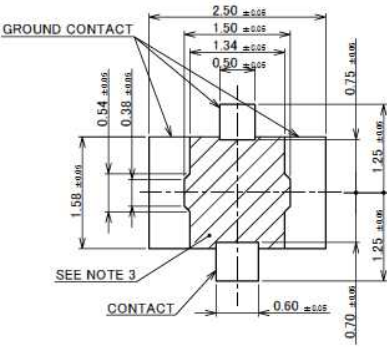
MHF® 4L Receptacle

FOR MHF 4 SMT PLUG

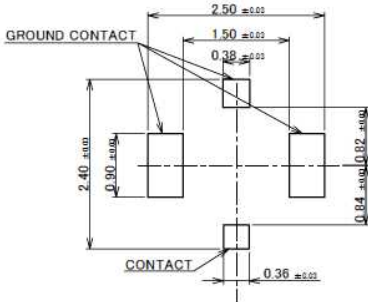
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20462-001E (MHF 4 SMT PLUG)
RATING VOLTAGE	60 V AC (R.M.S)/DC
RATING FREQUENCY	DC~6GHz
OPERATING TEMPERATURE	233~363 K(-40°C~+90°C)
VSWR	1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.85 MAX. AT 3~12GHz
MAIN CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER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

Rev.8

MHF® 4L Receptacle

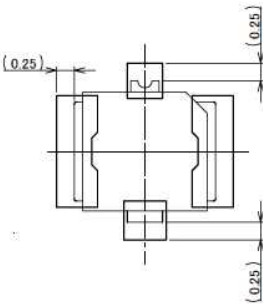


RECOMMENDED FOOTPRINT PATTERN

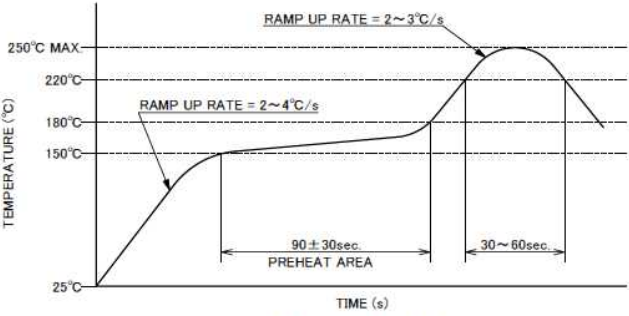


MASK THICKNESS: 0.12 mm

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)

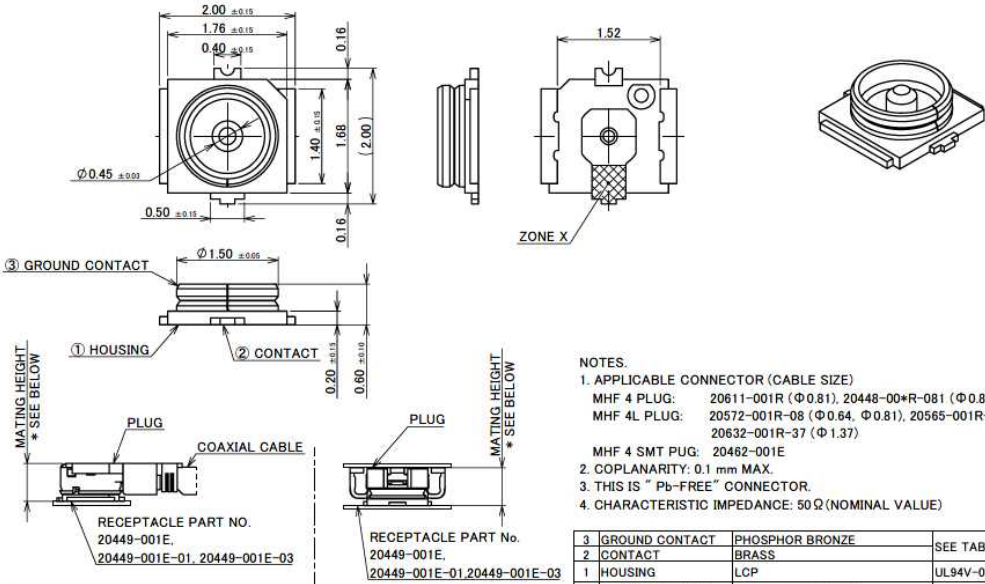
NOTE 3. CUT OUT PROHIBITION AREA.

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.
1. APPLICABLE CONNECTOR (CABLE SIZE)
MHF 4 PLUG: 20611-001R (Φ0.81), 20448-00R-081 (Φ0.81), 20448-001R-081E (Φ0.81)
MHF 4L PLUG: 20572-001R-08 (Φ0.64, Φ0.81), 20565-001R-44 (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: 50 Ω (NOMINAL VALUE)

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

* MATING HEIGHT
1.2 MAX. WITH 20611-001R, 20572-001R-08,
20448-00R-081, 20448-001R-081E
1.4 MAX. WITH 20565-001R-44
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)

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Rev.15

MHF® 4 Receptacle

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	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 : ΔR 20 mohm MAX.	
GROUND CONTACT RESISTANCE	INITIAL : 20 mohm MAX. / AFTER TEST : ΔR 100 mohm MAX.	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)	-	
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			
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	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 : 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-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.15

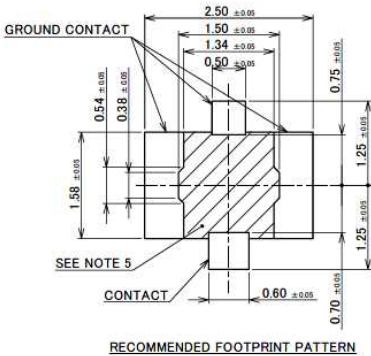
MHF® 4 Receptacle

FOR MHF 4 SMT PLUG

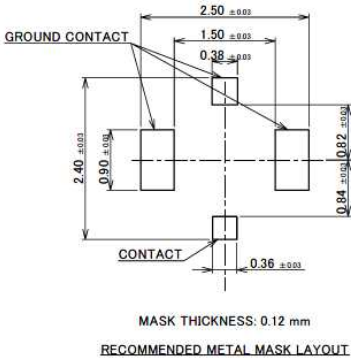
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20462-001E (MHF 4 SMT PLUG)
RATING VOLTAGE	60 V AC (R.M.S)/DC
RATING FREQUENCY	DC~9GHz
OPERATING TEMPERATURE	233~363 K(-40°C~+90°C)
CHARACTERISTIC IMPEDANCE	50 ohm (NOMINAL VALUE)
VSWR	1.3 MAX. AT DC~3GHz, 1.4 MAX. AT 3~6GHz, 1.5 MAX. AT 6~9GHz
MAIN CONTACT 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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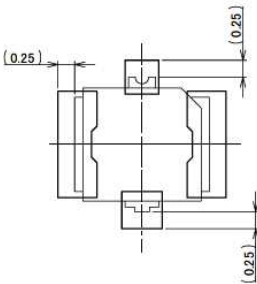
MHF® 4 Receptacle



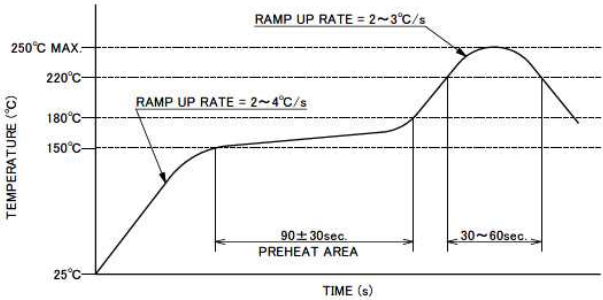
RECOMMENDED FOOTPRINT PATTERN



RECOMMENDED METAL MASK LAYOUT



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



NOTE 5. CUT OUT PROHIBITION AREA.

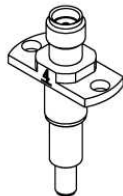
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Accessories for MHF® 4L Receptacle



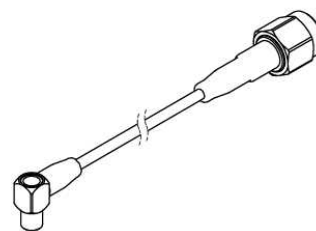
MHF 4 (4L) SMA ADAPTOR
PART NO. 90449-002



MHF 4 SMA ADAPTOR HIGH CYCLE TYPE
PART NO. 90698-0001



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



4.5MM HIGH CYCLE TEST PROBE CABLE ASSY
PART NO. 90577-****

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

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