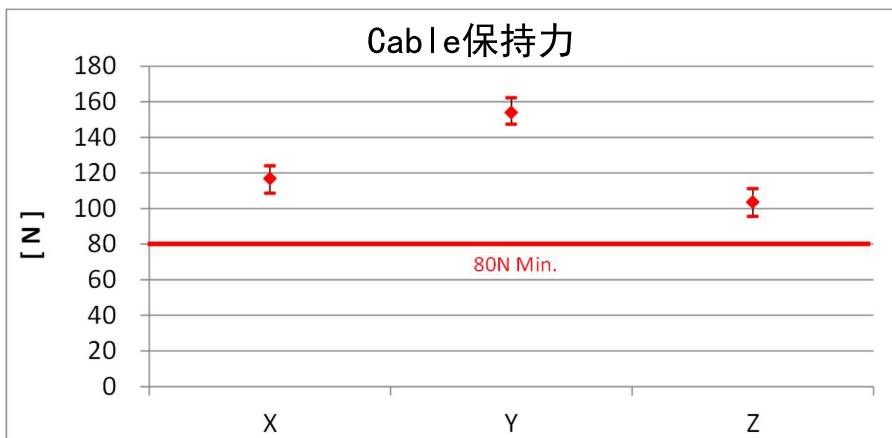
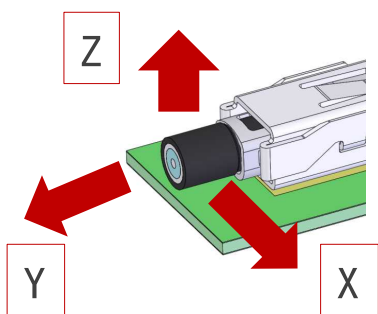




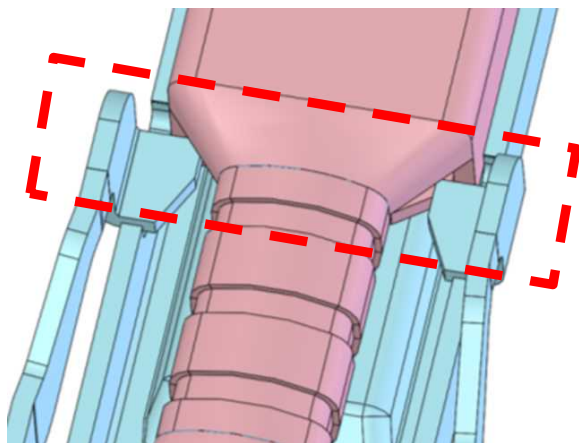
- ✓ 超高的保持力，达80N Min.
- ✓ 机械锁扣保证可靠连接
- ✓ 铆合结构，灵活搭配直径2.4~3.0mm的同轴线缆

Maximum height (mm)	3.4	
Outside dimension of receptacle(mm)	9.4 x 5.2	
Applicable wire gauge	RG174 type O.D. 2.4 mm / AWG 26 O.D. 3.0 mm / AWG 24	
Frequency	DC~6 GHz	
VSWR (L=100 mm)	DC~3 GHz	1.3 max.
	3 GHz~6 GHz	1.5 max.
	6 GHz~9 GHz	-
	9 GHz~12 GHz	-
	12 GHz~15 GHz	-
Service temp. (Celsius)	-40 degree ~ +105 degree	
Characteristic impedance	50 ohm	
Rated voltage	AC60V	
Contact resistance	20m ohm max.	
Withstand voltage	AC200V/min	
Insulation resistance	500M ohm min./DC100V	

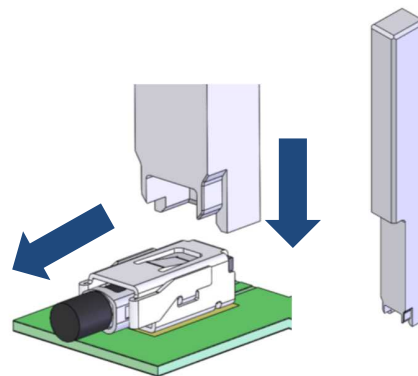
## 超高的保持力，达80N Min.



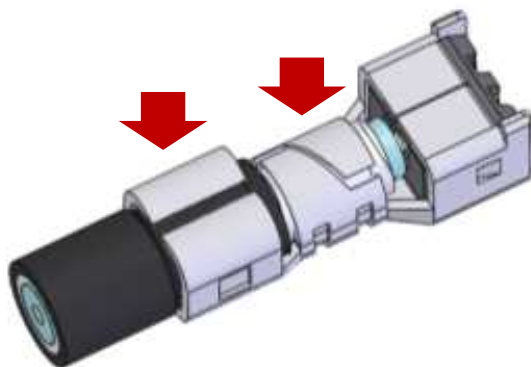
## 机械锁扣保证可靠连接



拆卸用简易治具



## 铆合结构，灵活搭配直径2.4~3.0mm的同轴线缆



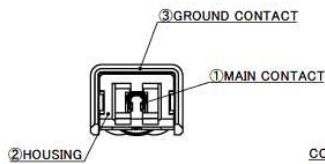
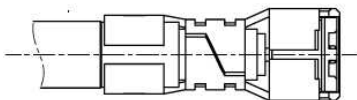
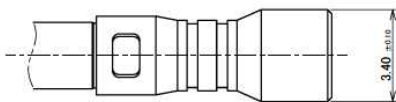
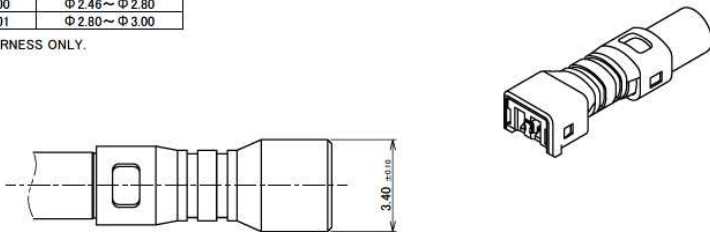
# MHF<sup>®</sup>-TI

## Component Parts Detail

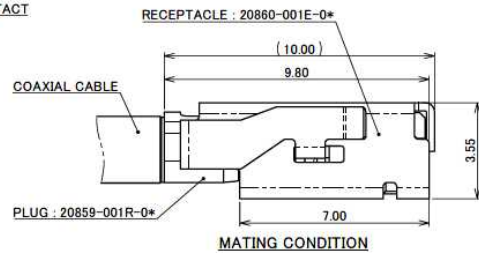
### MHF<sup>®</sup>-TI Plug

Recommended P/N		20859-001R-0*
PART NO.	APPLICABLE CABLE	
20859-001R-00	Φ 2.46 ~ Φ 2.80	
20859-001R-01	Φ 2.80 ~ Φ 3.00	

OFFERED AS HARNESS ONLY.



- NOTES.
1. APPLICABLE CONNECTOR  
MHF-TI RECEPTACLE(P/N: 20860-001E-01)
  2. APPLICABLE CABLE  
AWG#24~26, Φ2.46 ~ 3.0mm  
Φ 2.46 ~ Φ 2.80 20589-001R-00  
Φ 2.80 ~ Φ 3.00 20589-001R-01
  3. APPLICABLE FREQUENCY RANGE: DC TO 6 GHz
  4. RoHS COMPLIANT  
THIS PRODUCT IS COMPLIANT WITH RoHS DIRECTIVE.
  5. HALOGEN FREE  
THIS PRODUCT IS CONFORMED TO IEC 61249-2-21.



3	GROUND CONTACT	PHOSPHOR BRONZE	Sn PLATING
2	HOUSING	LCP	UL94V-0, BLACK
1	MAIN CONTACT	BRASS	Au PLATING
NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS

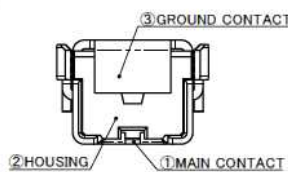
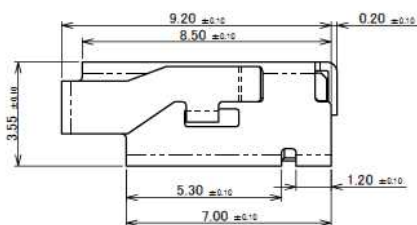
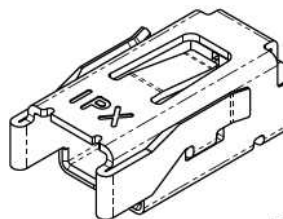
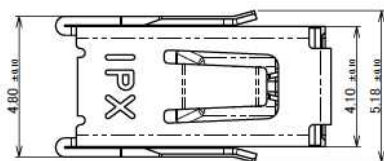
# MHF® -TI Plug

ITEMS	SPECIFICATION
RECOMMENDED APPLICABLE CONNECTOR PART No.	20860-001E-0*
RATING AMPERAGE	100mA AC/DC
RATING FREQUENCY	DC~6 GHz
OPERATING TEMPERATURE	233~358K (-40°C~+85°C)
OPERATING HUMIDITY	85% MAX. (NON-CONDENSING)
VSWR	1.5 MAX. AT DC~6 GHz
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: 30 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 15 mohm MAX. / AFTER TEST: 25 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	45N MAX.
MATING LOCK STRENGTH	110 N MIN
CRIMP STRENGTH	90 N MIN.
PRODUCT SPECIFICATION	PRS-2573
TEST REPORT	TR-20007
INSTRUCTION MANUAL	HIM-20001
APPEARANCE CRITERIA No.	QLS-A***

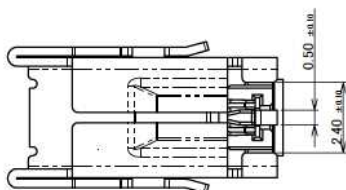
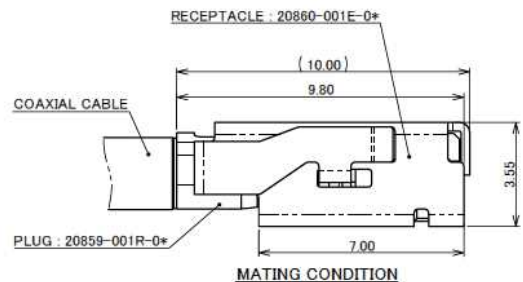
Rev.1

# MHF® -TI Receptacle

Recommended P/N	20860-001E-01
PART NO.	REMARK
20860-001E-00	WITHOUT JIG GUIDE
20860-001E-01	WITH JIG GUIDE



- NOTES
1. APPLICABLE CONNECTOR  
MHF-TI PLUG(P/N: 20859-001R-0\*)
  2. APPLICABLE FREQUENCY RANGE: DC TO 6 GHz
  3. COPLANARITY : 0.1MAX.
  4. RoHS COMPLIANT  
THIS PRODUCT IS COMPLIANT WITH RoHS DIRECTIVE.
  5. HALOGEN FREE  
THIS PRODUCT IS CONFORMED TO IEC 61249-2-21.



NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
3	GROUND CONTACT	PHOSPHOR BRONZE	Sn PLATING
2	HOUSING	LCP	UL94V-0, BLACK
1	MAIN CONTACT	CORSON ALLOY	Au PLATING

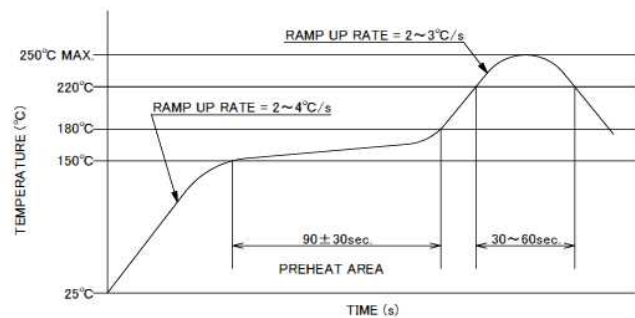
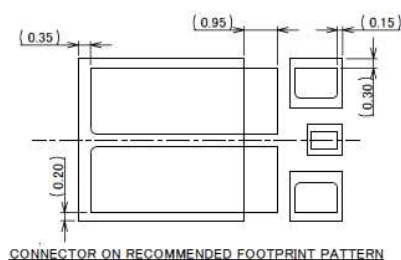
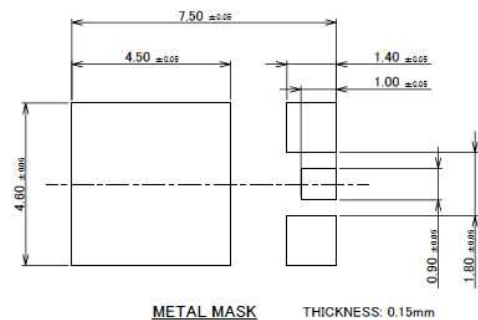
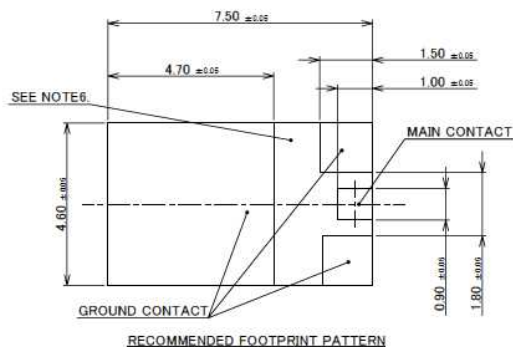
Rev.2

# MHF® -TI Receptacle

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20859-001R-0*
RATING AMPERAGE	100mA AC/DC
RATING FREQUENCY	DC~6 GHz
OPERATING TEMPERATURE	233~358K (-40°C~+85°C)
OPERATING HUMIDITY	85% MAX. (NON-CONDENSING)
VSWR	1.5 MAX. AT DC~6 GHz
MAIN CONTACT RESISTANCE	INITIAL: 20 mohm MAX. / AFTER TEST: 30 mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL: 15 mohm MAX. / AFTER TEST: 25 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	45N MAX..
MATING LOCK STRENGTH	110 N MIN
CRIMP STRENGTH	90 N MIN.
PRODUCT SPECIFICATION	PRS-2573
TEST REPORT	TR-20007
PACKING STANDARD	PST-18032
INSTRUCTION MANUAL	HIM-20001
APPEARANCE CRITERIA No.	QLS-A***

Rev.2

# MHF® -TI Receptacle



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

NOTES:  
6. CUT OUT PROHIBITION AREA

Rev.2



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