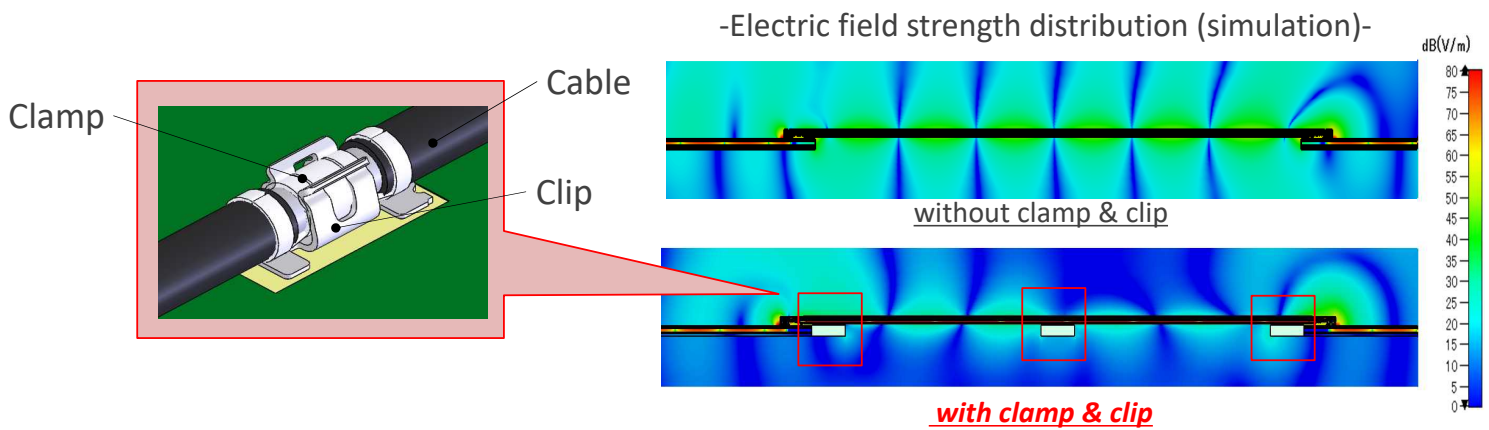
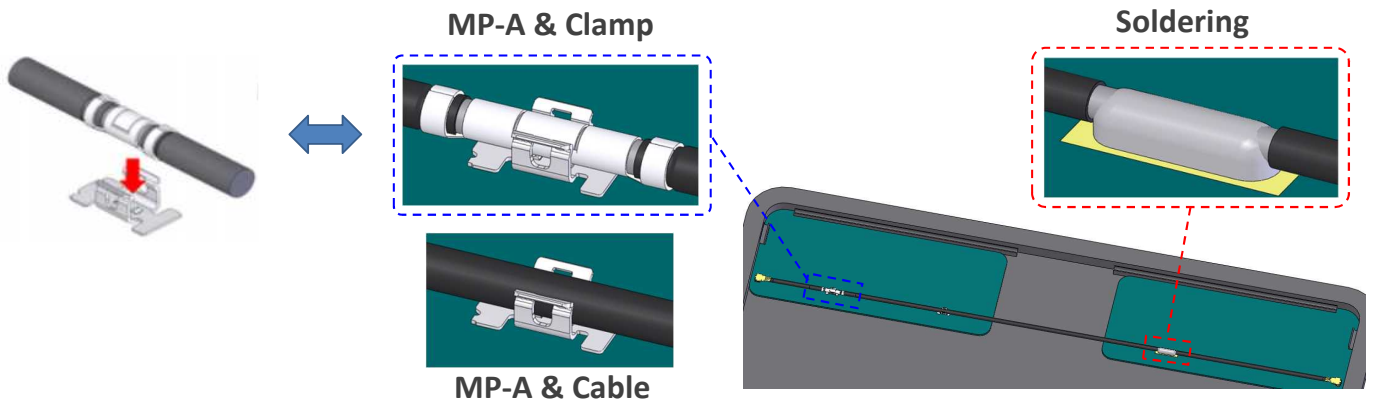


- ✓ Provides EMI improvements for dense RF applications
- ✓ Reduces tact time for assembly and rework
- ✓ Clamp sizes available in 3.0 mm and 6.0 mm versions depending on cable outer diameter

Provides EMI improvements for dense RF applications



Reduces tact time for assembly and rework



Clamp sizes available in 3.0 mm and 6.0 mm versions depending on cable outer diameter

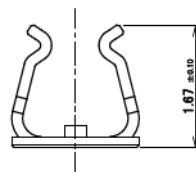
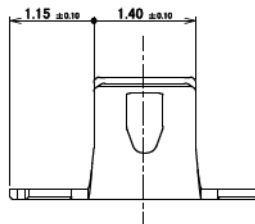
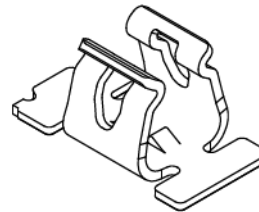
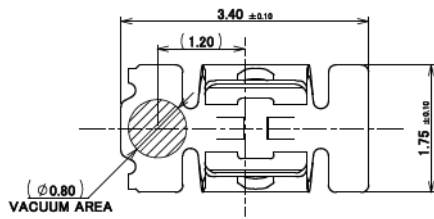
		3 mm Clamp	6 mm Clamp	MP-A Series
Coax O.D. (Center Conductor AWG)	1.37 mm (30)		✓	MP-A04
	1.13 mm (32)	✓	✓	MP-A02
	0.81 mm (36)	✓	✓	MP-A01
	0.64 mm (36)	✓	✓	MP-A03
appearance				

MP-A

Component Parts Detail

MP-A04

Recommended P/N	3224-0001
PART NO.	3224-0001

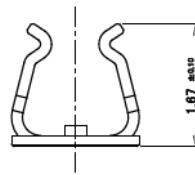
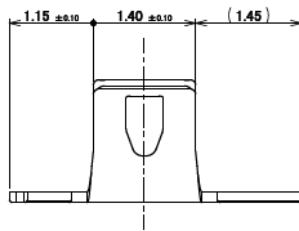
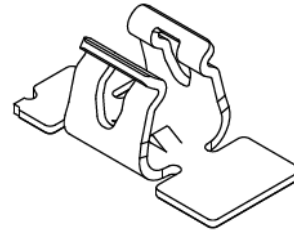
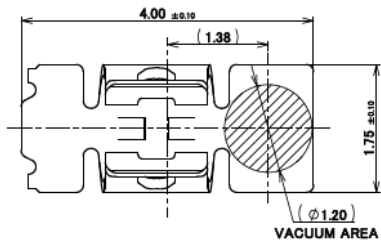


NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
1	MP-A04	PHOSPHOR BRONZE	CONTACT PART Sn 2.00 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING PART Sn 1.00 μm MIN.OVER Ni 0.50 μm MIN.

Rev.3

MP-A04

PART NO.
3224-0003



Rev.3

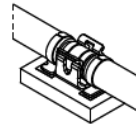
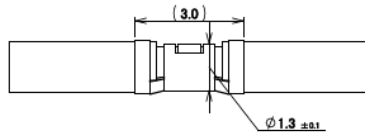
MP-A04

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	<ul style="list-style-type: none"> •CABLE CLAMP (3mm) FOR $\Phi 1.37$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 3223-030*) •CABLE CLAMP (6mm) FOR $\Phi 1.37$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 3223-060*) •CABLE JACKET (OUTSIDE DIAMETER $\Phi 1.37 \pm 0.08$) OF $\Phi 1.37$ COAXIAL CABLE
OPERATING TEMPERATURE	233 ~ 358K(-40°C ~ +85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : 70mohm MAX.
DURABILITY	5 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 25N MAX. / AFTER TEST : 25N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 3N MIN. / AFTER TEST : 2N MIN.
PRODUCT SPECIFICATION	PRS-2235
TEST REPORT	TR-16134
PACKING STANDARD	PST-15066
INSTRUCTION MANUAL	HIM-16012

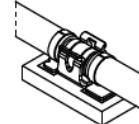
Rev.3

MP-A04

① ϕ 1.37 COAXIAL CABLE WITH 3mm CABLE CLAMP (P/N : 3223-0302)

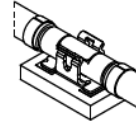
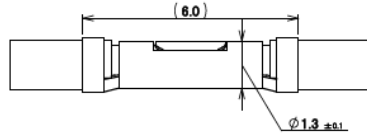


3224-0001

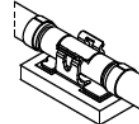


33224-0003

② ϕ 1.37 COAXIAL CABLE WITH 6mm CABLE CLAMP (P/N : 3223-0602)

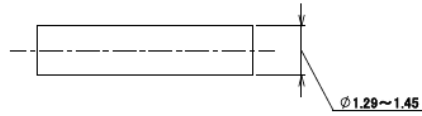


3224-0001

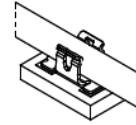


33224-0003

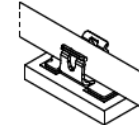
③ ϕ 1.37 COAXIAL CABLE



APPLICABLE CABLE



3224-0001



33224-0003

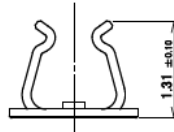
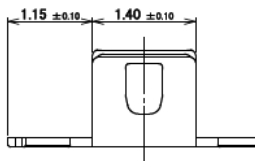
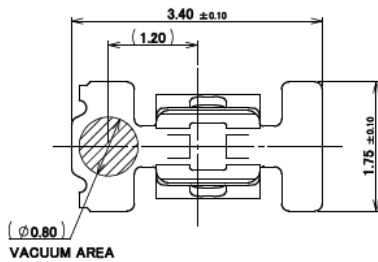
MATING CONDITION
(S = 6/1)

NOTE.
1. ONLY A SIMILAR CABLE IS REPLACEABLE.

Rev.3

MP-A02

Recommended P/N	3182-0001
PART NO.	
3182-0001	



NOTE.
1. RECOMMENDED VACUUME NOZZLE SIZE : ϕ 0.5

1	MP-A02	PHOSPHOR BRONZE	CONTACT PART Sn 2.00 μ m MIN. OVER Ni 1.00 μ m MIN. SOLDERING PART Sn 1.00 μ m MIN. OVER Ni 0.50 μ m MIN.
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

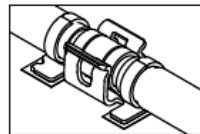
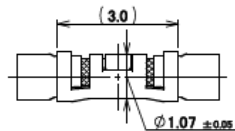
Rev.2

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	<ul style="list-style-type: none"> • CABLE CLAMP (3mm) FOR Φ 1.13 COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2912-030*) • CABLE CLAMP (6mm) FOR Φ 1.13 COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2912-060*) • CABLE JACKET (OUTSIDE DIAMETER Φ 1.13 $+0.08/-0.05$) OF Φ 1.13 COAXIAL CABLE (*1) *1...RF-MF50161 (NISSEI ELECTRIC CO., LTD.)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : 70mohm MAX.
DURABILITY	5 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 25N MAX. / AFTER TEST : 25N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 2N MIN. / AFTER TEST : 1N MIN.
PRODUCT SPECIFICATION	PRS-2082
TEST REPORT	TR-15034
PACKING STANDARD	PST-15054
INSTRUCTION MANUAL	HIM-15008

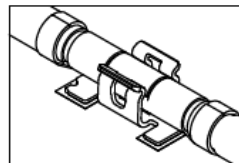
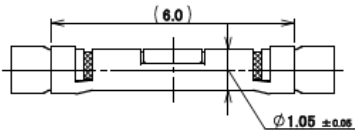
Rev.2

MP-A02

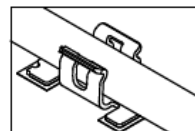
① Φ 1.13 COAXIAL CABLE WITH 3mm CABLE CLAMP (P/N : 2912-0302)



② Φ 1.13 COAXIAL CABLE WITH 6mm CABLE CLAMP (P/N : 2912-0602)



③ Φ 1.13 COAXIAL CABLE



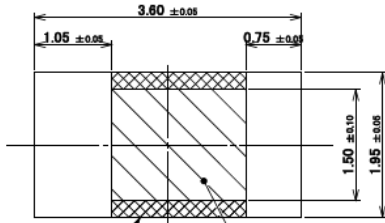
APPLICABLE CABLE

MATING CONDITION

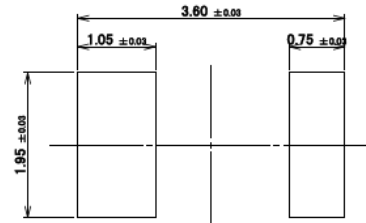
NOTE.
2. ONLY A SIMILAR CABLE IS REPLACEABLE.

Rev.2

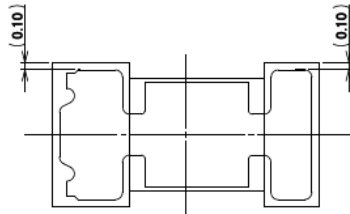
MP-A02



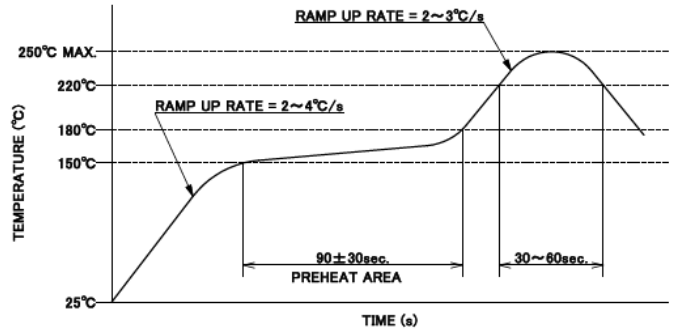
SEE NOTE 4
SEE NOTE 3
RECOMMENDED FOOTPRINT PATTERN



THICKNESS: 0.10mm
METAL MASK



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



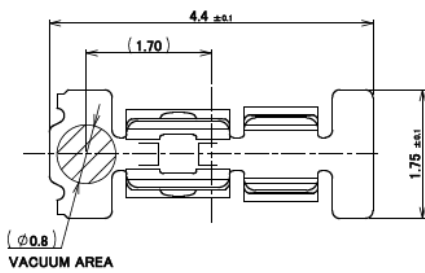
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn98.5 Ag3.0 Cu0.5)

NOTES.
3. PATTERN AND RESIST PROHIBITION AREA.
4. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

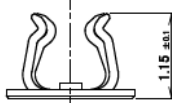
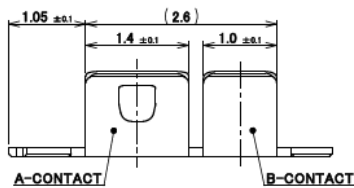
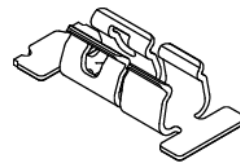
Rev.2

MP-A01

Recommended P/N	3096-0001
PART No.	3096-0001



VACUUM AREA



NOTE.
1. RECOMMENDED VACUUM NOZZLE SIZE: Ø0.5

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
1	MP-A01	PHOSPHOR BRONZE	CONTACT PART Sn 1.50 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING PART Sn 1.00 μm MIN. OVER Ni 0.50 μm MIN.

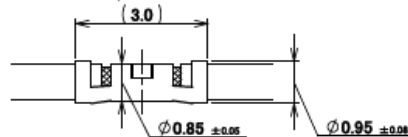
Rev.4

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	<ul style="list-style-type: none"> • CABLE CLAMP (3mm) FOR $\Phi 0.81$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2296-003) • CABLE CLAMP (6mm) FOR $\Phi 0.81$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2818-0001) • CABLE STRIP (OUTER CONDUCTOR $\Phi 0.85 \pm 0.08$) OF $\Phi 0.95$ COAXIAL CABLE (*1) • CABLE JACKET (OUTSIDE DIAMETER $\Phi 0.81 \pm 0.05$) OF $\Phi 0.81$ COAXIAL CABLE (*2) • CABLE JACKET (OUTSIDE DIAMETER $\Phi 0.95 \pm 0.05$) OF $\Phi 0.95$ COAXIAL CABLE (*1) *1...RF-MF5023 (NISSEI ELECTRIC CO., LTD.) *2...BD-17661 (BANDO DENSEN CO., LTD.)
OPERATING TEMPERATURE	233~358 K (-40°C~+85°C)
OPERATING HUMIDITY	85% MAX. (NON-CONDENSING)
CONTACT RESISTANCE	INITIAL: 70 mohm MAX. / AFTER TEST: 70 mohm MAX.
DURABILITY	5 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL: 25 N MAX. / AFTER TEST: 25 N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 3 N MIN. / AFTER TEST: 1.5 N MIN.
PRODUCT SPECIFICATION	PRS-2048
TEST REPORT	TR-14139
PACKING STANDARD	PST-14022
INSTRUCTION MANUAL	HIM-14011

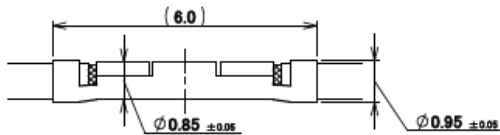
Rev.4

MP-A01

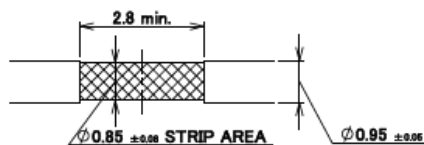
- ① $\Phi 0.81$ COAXIAL CABLE WITH 3mm CABLE CLAMP (PART NO. 2296-003)
 *A-CONTACT: HOLD & CONTACT, B-CONTACT: DEFORMATION



- ② $\Phi 0.81$ COAXIAL CABLE WITH 6mm CABLE CLAMP (PART NO. 2818-0001)
 *A-CONTACT: HOLD & CONTACT, B-CONTACT: NOT CONTACT



- ③ STRIPPED $\Phi 0.95$ COAXIAL CABLE
 *A-CONTACT: HOLD & CONTACT, B-CONTACT: NOT CONTACT



- ④ UNSTRIPPED $\Phi 0.81$ COAXIAL CABLE (OUTSIDE DIAMETER $\Phi 0.81 \pm 0.05$)
 *A-CONTACT: HOLD, B-CONTACT: NOT HOLD

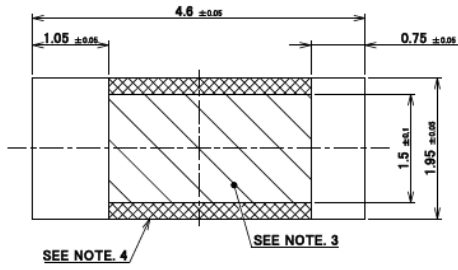
- ⑤ UNSTRIPPED $\Phi 0.95$ COAXIAL CABLE (OUTSIDE DIAMETER $\Phi 0.95 \pm 0.05$)
 *B-CONTACT: HOLD, A-CONTACT: DEFORMATION

APPLICABLE CABLE

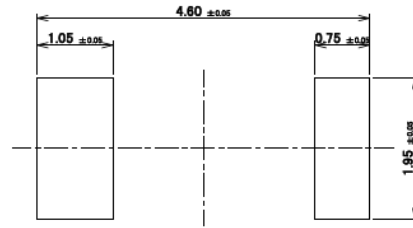
NOTE.
 2. ONLY A SIMILAR CABLE IS REPLACEABLE.

Rev.4

MP-A01

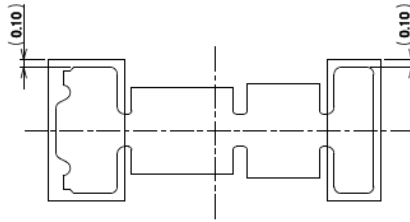


RECOMMENDED FOOTPRINT PATTERN

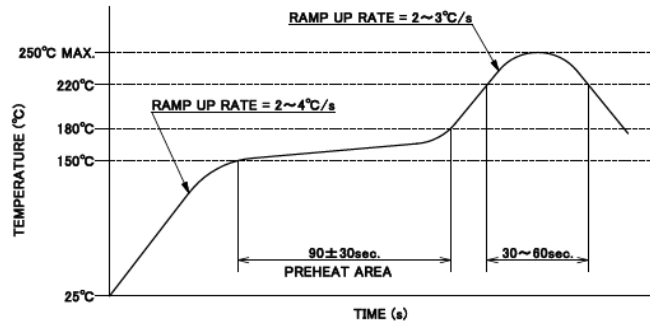


THICKNESS: 0.10mm

METAL MASK



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



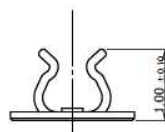
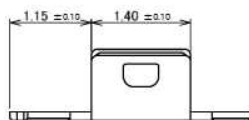
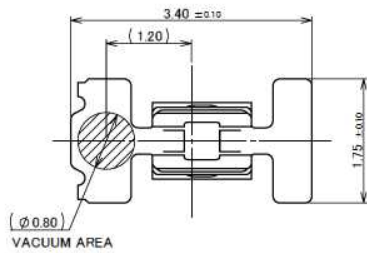
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD.: M705-SHF(Sn96.5 Ag3.0 Cu0.5)

- NOTES.
3. PATTERN AND RESIST PROHIBITION AREA.
4. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.4

MP-A03

Recommended P/N	3186-0001
PART NO.	3186-0001



1	MP-A03	PHOSPHOR BRONZE	CONTACT PART Sn 2.00 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING PART Sn 1.00 μm MIN. OVER Ni 0.50 μm MIN.
NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS

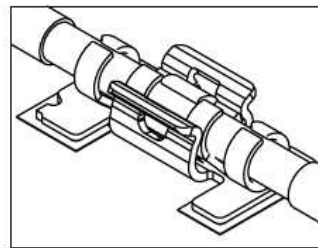
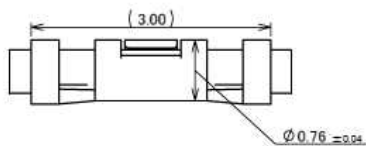
Rev.1

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	•CABLE CLAMP (3mm) FOR $\Phi 0.64$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2918-030*) •CABLE CLAMP (6mm) FOR $\Phi 0.64$ COAXIAL CABLE (DAI-ICHI SEIKO P/N: 2918-060*)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : 70mohm MAX.
DURABILITY	5 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL : 25N MAX. / AFTER TEST : 25N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL : 3N MIN. / AFTER TEST : 2N MIN.
PRODUCT SPECIFICATION	PRS-2130
TEST REPORT	TR-15085
PACKING STANDARD	PST-15081
INSTRUCTION MANUAL	HIM-15029

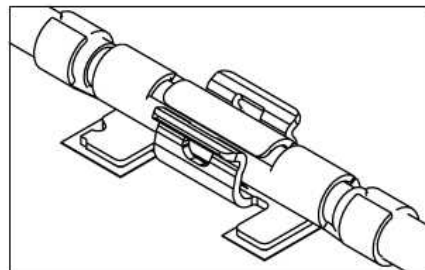
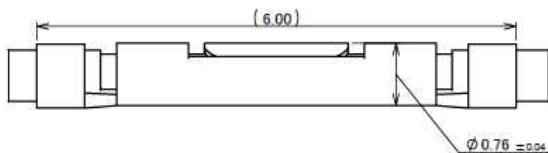
Rev.1

MP-A03

① $\Phi 0.64$ COAXIAL CABLE WITH 3mm CABLE CLAMP (P/N : 2918-0302)



② $\Phi 0.64$ COAXIAL CABLE WITH 6mm CABLE CLAMP (P/N : 2918-0602)

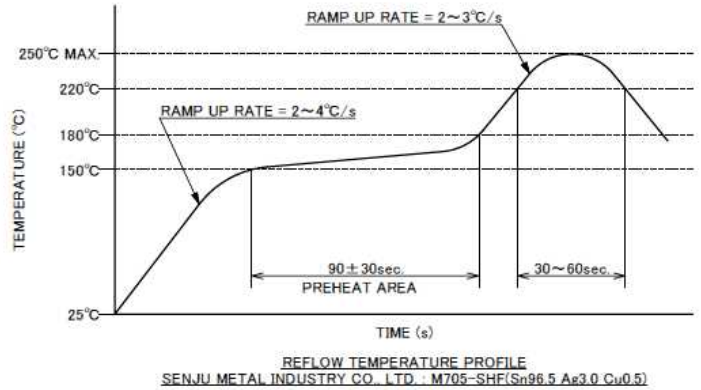
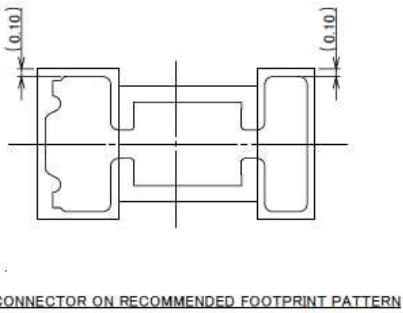
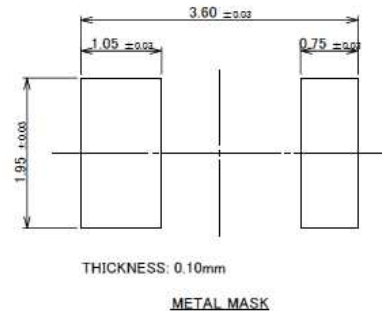
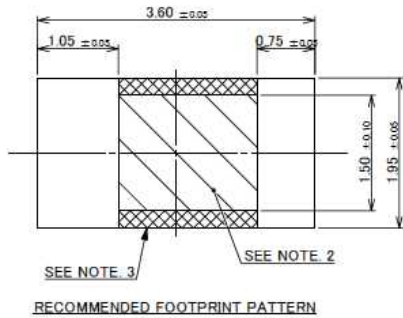


APPLICABLE CABLE

MATING CONDITION

NOTE.
1. ONLY A SIMILAR CABLE IS REPLACEABLE.

Rev.1



- NOTES:
 2. PATTERN AND RESIST PROHIBITION AREA.
 3. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.1

I-PEX

Copyright © I-PEX Inc. 2020. All rights reserved.

I-PEX, MHF, CABLINE, NOVASTACK, EVAFLEX, MINIFLEX, ISH, IARP, IASLP, ESTORQ, i-Fit and ISFIT are registered trademarks of I-PEX Inc. Please note that the contents in the catalog might be changed without prior notification. I-PEX Inc. assumes no responsibility for any inaccuracies or obligation to update Information on these documents. Please be sure to read and understand the latest "Precautions for Use" and "Instruction Manual" before you use our products. We shall not be responsible for any defects, damages or troubles in case you use our products without following the precautions for use. Please feel free to contact our sales representatives when you use our products for any applications that require very high reliability and safety, or that relate to human life (ex. nuclear power control, aerospace, transportation, medical equipment, safety equipment etc.).

Contact your sales representative for more detailed information. [i-pex.com]