## MP－A

埋线用接地爪和弹片

Product Specifications：

| Operating Temperature | $233^{\sim} 358 \mathrm{~K}\left(-40^{\circ} \mathrm{C} \sim+85^{\circ} \mathrm{C}\right)$ |
| :---: | :--- |
| Operating Humidity | $85 \%$ Max．（Non－Codensing） |
| Contact Resistance | INITIAL ：70 m $\Omega$ Max／AFTER TEST： $70 \mathrm{~m} \Omega \mathrm{Max}$ |
| Durability | 5 CYCLES |

Applicable Cable Size：
O．D． $1.37 \mathrm{~mm} /$ AWG 30
O．D． $1.13 \mathrm{~mm} /$ AWG 32
O．D． $0.81 \mathrm{~mm} /$ AWG 36
O．D． $0.63 \mathrm{~mm} /$ AWG 36

## 能够改善复杂射频应用环境下的EMI特性



## 减少组装和返工的时间

MP－A \＆夹线解决方案


焊接处


根据极细同轴线外径，可提供长度为 3.0 mm 和 6.0 mm 两种方案

|  |  | 3 mm Clamp | 6 mm Clamp | MP－A Series |
| :---: | :---: | :---: | :---: | :---: |
| Coax O．D． （Center Conductor AWG） | 1.37 mm（30） | $\checkmark$ | $\checkmark$ | MP－A04 |
|  | 1.13 mm （32） | $\checkmark$ | $\checkmark$ | MP－A02 |
|  | 0.81 mm （36） | $\checkmark$ | $\checkmark$ | MP－A01 |
|  | 0.64 mm（36） | $\checkmark$ | $\checkmark$ | MP－A03 |
| appeara |  | TH111 | $1 \square 1$ |  |

## Component Parts Details

## MP-A04



| 1 | MP-A04 | PHOSPHOR BRONZE | CONTACT PART $\operatorname{Sn} 2.00 \mu \mathrm{~m}$ MIN. OVER Ni $1.00 \mu \mathrm{~m}$ MIN. |
| :---: | :---: | :---: | :---: |
| SOLDERING PART $\operatorname{Sn} 1.00 \mu \mathrm{~m}$ MIN.OVER Ni. $0.50 \mu \mathrm{~m}$ MIN. |  |  |  |

## MP-A04


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

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

(3) $\phi 1.37$ COAXIAL CABLE


APPLICABLE CABLE


3224-0001



MATING CONDITION $(\mathrm{S}=6 / 1)$


NOTES.
2. NO GROUND. SIGNAL. AND RESIST INTHIS AREA.
3. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.


| ITEMS | SPECIFICATION |
| :---: | :---: |
| APPLICABLE CONNECTOR PART No. | -CABLE CLAMP ( 3 mm ) FOR $\Phi 1.37$ COAXIAL CABLE (P/N: 3223-0302) <br> -CABLE CLAMP ( 6 mm ) FOR $\Phi 1.37$ COAXIAL CABLE (P/N: 3223-0602) <br> - CABLE JACKET (OUTSIDE DIAMETER $\Phi 1.37 \pm 0.08$ ) OF $\Phi 1.37$ COAXIAL CABLE |
| OPERATING TEMPERATURE | $233 \sim 358 \mathrm{~K}\left(-40^{\circ} \mathrm{C} \sim+85^{\circ} \mathrm{C}\right)$ |
| OPERATING HUMIDITY | 85\% MAX.(NON-CONDENSING) |
| CONTACT RESISTANCE | INITIAL : 70mohm MAX. / AFTER TEST : 70mohm MAX. |
| DURABILITY | 5 CYCLES |
| MATING FORCE (INITIAL / AFTER TEST) | INITIAL: 25 N MAX. / AFTER TEST : 25 N MAX |
| UNMATING FORCE (INITIAL / AFTER TEST) | INITLAL : 3N MIN. / AFTER TEST : 2 N MIN. |
| PRODUCT SPECIFICATION | PRS-2235 |
| TEST REPORT | TR-16134 |
| PACKING STANDARD | PST-15066 |
| INSTRUCTION MANUAL | HIM-16012 |
| APPEARANCE CRITERIA No. | QLS-A*** |

## MP-A02



NOTE.

1. RECOMMENDED VACUUME NOZZLE SIZE : $\phi 0.5$

| 1 | MP-A02 | PHOSPHOR BRONZE | CONTACT PART Sn $2.00 \mu \mathrm{~m}$ MIN. OVER Ni $1.00 \mu \mathrm{~m}$ MIN. <br> SOLDERING PART Sn $1.00 \mu \mathrm{~m}$ MIN.OVER Ni $0.50 ~$ m MIN. |
| :---: | :---: | :---: | :---: |
| NO. | DESCRIPTION | MATERIAL | FINISH , REMARKS |

(1) $\Phi 1.13$ COAXIAL CABLE WITH 3 mm CABLE CLAMP ( $\mathrm{P} / \mathrm{N}: 2912$-0302)

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


## (3) $\Phi 1.13$ COAXIAL CABLE



## APPLICABLE CABLE



MATING CONDITION

NOTE.
2. ONLY A SIMILAR CABLE IS REPLACEABLE.


RECOMMENDED FOOTPRINT PATTERN


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN


METAL MASK


| ITEMS | SPECIFICATION |
| :---: | :---: |
| APPLICABLE CONNECTOR PART No. | -CABLE CLAMP (3mm) FOR Ф 1.13 COAXIAL CABLE (P/N: 2912-0302) <br> -CABLE CLAMP ( 6 mm ) FOR $\Phi 1.13$ COAXIAL CABLE (P/N: 2912-0602) <br> - CABLE JACKET (OUTSIDE DIAMETER $\Phi 1.13+0.08 /-0.05$ ) OF $\Phi 1.13$ COAXIAL CABLE (*1) *1**RF-MF50161 (NISSEI ELECTRIC CO., LTD.) |
| OPERATING TEMPERATURE | $233 \sim 358 \mathrm{~K}\left(-40^{\circ} \mathrm{C} \sim+85^{\circ} \mathrm{C}\right)$ |
| OPERATING HUMIDITY | 85\% MAX.(NON-CONDENSING) |
| CONTACT RESISTANCE | INITIAL : 70mohm MAX. / AFTER TEST : 70mohm MAX. |
| DURABILITY | 5 CYCLES |
| MATING FORCE (INITIAL / AFTER TEST) | INITIAL : 25 N MAX. / AFTER TEST : 25 N MAX |
| UNMATING FORCE (INITIAL / AFTER TEST) | INITLAL : 2 N MIN. / AFTER TEST : 1 N MIN. |
| PRODUCT SPECIFICATION | PRS-2082 |
| TEST REPORT | TR-15034 |
| PACKING STANDARD | PST-15054 |
| INSTRUCTION MANUAL | HIM-15008 |
| APPEARANCE CRITERIA No. | QLS-A*** |

## MP-A01

\section*{| Recommended P/N | 3096 -0001 |
| :--- | :--- |}




NOTE.

1. RECOMMENDED VACUUM NOZZLE SIZE: $\Phi 0.5$

| 1 | MP-A01 | PHOSPHOR BRONZE | CONTACT PART $\mathrm{Sn} 1.50 \mu \mathrm{~m}$ MIN. OVER Ni $1.00 \mu \mathrm{~m}$ MIN. <br> SOLDERING PART $\mathrm{Sn} 1.00 \mu \mathrm{~m}$ MIN. OVER Ni $0.50 \mu \mathrm{~m}$ MIN. |
| :---: | :---: | :---: | :---: |
| NO. | DESCRIPTION | MATERIAL | FINISH . REMARKS |

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

(2) Ф0.81 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 $Ф 0.81$ 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


| ITEMS | SPECIFICATION |
| :---: | :---: |
| APPLICABLE CONNECTOR PART No. | - CABLE CLAMP (3mm) FOR $\Phi 0.81$ COAXIAL CABLE (P/N: 2296-003) <br> - CABLE CLAMP ( 6 mm ) FOR $\Phi 0.81$ COAXIAL CABLE (P/N: 2818-0001) <br> - CABLE STRIP (OUTER CONDUCTOR $\Phi 0.85 \pm 0.08$ ) OF $\Phi 0.95$ COAXIAL CABLE. (*1) <br> - CABLE JACKET (OUTSIDE DIAMETER $\Phi 0.81 \pm 0.05$ ) OF $\Phi 0.81$ COAXIAL CABLE ( $* 2$ ) <br> - CABLE JACKET (OUTSIDE DIAMETER $\Phi 0.95 \pm 0.05$ ) OF $\Phi 0.95$ COAXIAL CABLE (*1) <br> *1 * *RF-MF5023 (NISSEI ELECTRIC CO.. LTD.) <br> *2*BD-17661 (BANDO DENSEN CO.. LTD.) |
| OPERATING TEMPERATURE | $233 \sim 358 \mathrm{~K}\left(-40^{\circ} \mathrm{C} \sim+85^{\circ} \mathrm{C}\right)$ |
| 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 |
| APPEARANCE CRITERIA No. | QLS-A*** |

## MP-A03




| 1 | MP-A03 | PHOSPHOR BRONZE | CONTACT PART Sn $2.00 \mu \mathrm{~m}$ MIN. OVER Ni $1.00 \mu \mathrm{~m}$ MIN. SOLDERING PART $\mathrm{Sn} 1.00 \mu \mathrm{~m}$ MIN.OVER Ni $0.50 \mu \mathrm{~m}$ MIN |
| :---: | :---: | :---: | :---: |
| NO. | DESCRIPTION | MATERIAL | FINISH REMARKS |

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

(2) Ф0.64 COAXIAL CABLE WITH 6 mm CABLE CLAMP (P/N: 2918-0602)


APPLICABLE CABLE



NOTE
NOTE.

1. ONLY A SIMILAR CABLE IS REPLACEABLE


RECOMMENDED FOOTPRINT PATTERN


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN


| ITEMS | SPECIFICATION |
| :---: | :---: |
| APPLICABLE CONNECTOR PART No. | - CABLE CLAMP (3mm) FOR Ф0.64 COAXIAL CABLE (P/N: 2918-0302) <br> - CABLE CLAMP ( 6 mm ) FOR Ф 0.64 COAXIAL CABLE (P/N: 2918-0602) |
| OPERATING TEMPERATURE | $233 \sim 358 \mathrm{~K}\left(-40^{\circ} \mathrm{C} \sim+85^{\circ} \mathrm{C}\right)$ |
| OPERATING HUMIDITY | 85\% MAX(NON-CONDENSING) |
| CONTACT RESISTANCE | INITIAL : 70mohm 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 : 3N MIN. / AFTER TEST : 2 N MIN. |
| PRODUCT SPECIFICATION | PRS-2130 |
| TEST REPORT | TR-15085 |
| PACKING STANDARD | PST-15081 |
| INSTRUCTION MANUAL | HIM-15029 |
| APPEARANCE CRITERIA No. | QLS-A*** |



