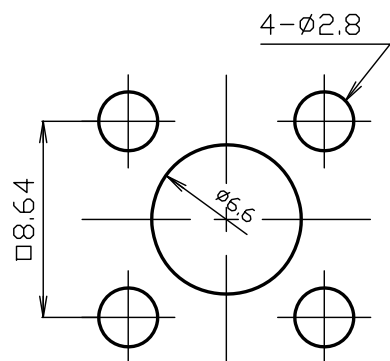
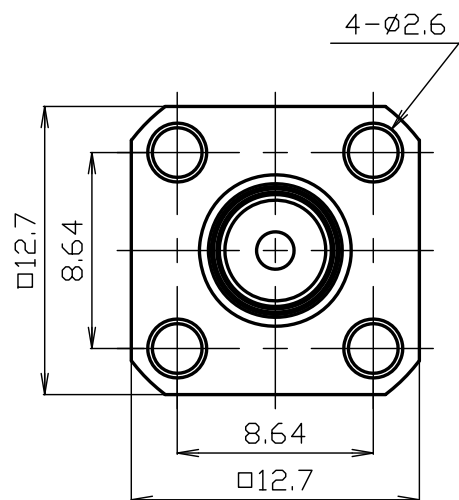
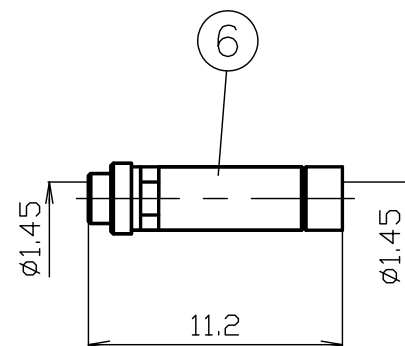
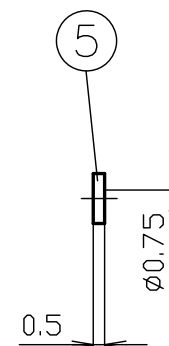
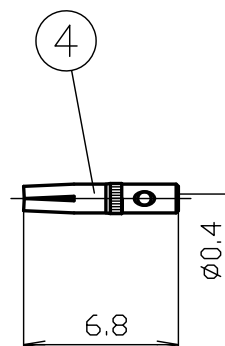
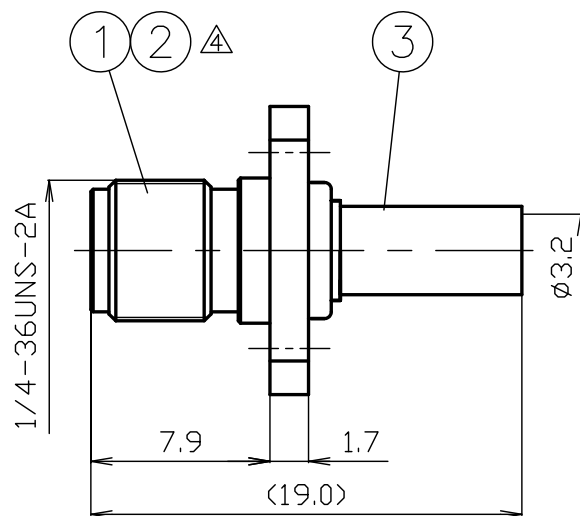




取付け穴参考寸法



| 番号 | 変更・記事    | 日付         | 確認 |
|----|----------|------------|----|
| ①  | 社名変更     | 2012.01.05 | 済  |
| ②  | 外觀図面化    | 2016.06.09 | 山本 |
| ③  | RoHS表記追記 | 2016.06.09 | 山本 |
| ④  | 回転止め機構追加 | 2022.06.28 | 山本 |
| ⑤  |          |            |    |



| RoHS Compliant |                  | Cd ≤75ppm                 |
|----------------|------------------|---------------------------|
| REMARKS        | BRASS: Cd ≤75ppm | PHOSPHOR BRONZE: Pb <4wt% |

パッシブ処理

| 番号 | 部 品 名     | 材 質    | 数量 | 処 理 | 備 考 | 尺 寸           | 製 図        | 検 図                          | 承 認       | 確 認       | 品 名           |
|----|-----------|--------|----|-----|-----|---------------|------------|------------------------------|-----------|-----------|---------------|
| 7  |           |        |    |     |     | 3/1           |            |                              |           |           |               |
| 6  | インサートスリーブ | 黄銅     | 1  | Au  |     |               | 檜          | 栗                            | 山         | 三         | SMA-PJ-0.66A  |
| 5  | テフロンスペーサー | テフロン   | 1  | --  |     |               | 澤          | 原                            | 本         | 村         |               |
| 4  | 中心コンタクト   | ベリリウム銅 | 1  | Au  |     |               | '22.06.28  | '22.06.28                    | '22.06.28 | '22.06.28 |               |
| 3  | ホルダー      | 黄銅     | 1  | Ni  |     | 単位 mm         |            |                              |           |           |               |
| 2  | 絶縁体       | テフロン   | 1  | --  |     |               |            |                              |           |           |               |
| 1  | シェル       | ステンレス  | 1  | *   |     | 日付 2004.05.21 | 投影法        |                              |           |           |               |
| 番号 | 部 品 名     | 材 質    | 数量 | 処 理 | 備 考 | 日付            | 2004.05.21 | 株式会 社 トーコネ TO-CONNE CO.,LTD. |           |           | 図 番 J-1122255 |

CONNECTOR TERM TRANSLATION

■Parts List

| 部品名        | DESCRIPTION                |
|------------|----------------------------|
| 接続スリーブ     | SHELL                      |
| 絶縁体        | INSULATOR                  |
| ガスケット      | GASKET                     |
| ウェーブワッシャー  | WAVE WASHER                |
| ワッシャー      | WASHER                     |
| 本体、シェル     | BODY                       |
| 中心コンタクト    | CENTER PIN                 |
| 圧着スリーブ     | FERRULE                    |
| 締付ナット      | NUT                        |
| 保持リング      | HOLDING RING               |
| ブッシング      | BUSHING                    |
| 平ワッシャー     | FLAT WASHER                |
| 半円平ワッシャー   | HALF FLAT WASHER           |
| スペーサー      | SPACER                     |
| 接続ナット      | COUPLING NUT               |
| 外部コンタクト    | OUTER CONTACT              |
| Oリング       | O-RING                     |
| 六角ナット      | HEX NUT                    |
| クランプ       | CLAMP                      |
| ホルダー       | BARREL                     |
| フタ         | COVER                      |
| 割りクランプ     | SPLIT CLAMP                |
| 留めネジ       | SCREW                      |
| バネリング      | SPRING                     |
| ヒートシンク     | HEAT SINK                  |
| 抵抗器、抵抗素子   | RESISTOR                   |
| スプリングワッシャー | SPRING WASHER              |
| 六角穴留めネジ    | SOCKET HEAD CAP SCREW      |
| ブラケット      | BRACKET                    |
| ブッシュ       | BUSH                       |
| 同軸型避雷管     | COAXIAL LIGHTNING ARRESTER |
| 丸型端子       | ROUND TERMINAL             |
| 減衰素子       | ATTENUATION TERMINAL       |

■Parts List

| 部品名     | DESCRIPTION      |
|---------|------------------|
| 表示シール   | STICKER          |
| 熱収縮チューブ | HEAT SHRINK TUBE |
| 丸ナット    | RING NUT         |

■Material List

| 材質      | MATERIAL           |
|---------|--------------------|
| 亜鉛ダイカスト | ZnDC               |
| ジラコン    | POM                |
| シリコンゴム  | SILICONE           |
| テフロン    | PTFE               |
| 鉄、炭素工具鋼 | CARBON STEEL       |
| 黄銅      | BRASS              |
| ベリリウム銅  | BERYLLIUM COPPER   |
| リン青銅    | PHOSPHOR BRONZE    |
| 無酸素銅    | OXYGEN-FREE COPPER |
| アルミニウム  | ALUMINUM           |
| ステンレス   | STAINLESS STEEL    |

■List of Notations on Drawings

|                  |                 |
|------------------|-----------------|
| 取付穴参考寸法          | MOUNTING HOLE   |
| 最大パネル厚さ、使用可能パネル厚 | PANEL THICKNESS |
| 識別No.            | SERIAL No.      |
| 刻印               | STAMP           |
| Dカット幅            | D FLAT          |
| Hカット幅            | H FLAT          |
| アヤメローレット         | DIAMOND KNURL   |
| タテメローレット         | STRAIGHT KNURL  |
| 識別溝、目印、溝         | GROOVE          |
|                  |                 |
|                  |                 |

■Surface List

| 処理      | FINISH            |
|---------|-------------------|
| 三元めっき   | TERNARY PLATING   |
| 黒色アルマイト | ANODAIZING(BLACK) |
| パッシベイト  | PASSIVATE         |

# PRODUCT SPECIFICATIONS

Part No. SMA-PJ-0.66A

DWG No. J-1122255

Nominal 1 Standard  
2 Impedance

EIAJ RC-5234  
50Ω

No. 1120795

To-Conne Co., Ltd. (TYC)

| Checked            | Inspected          | Prepared           |
|--------------------|--------------------|--------------------|
| 山<br>12.01.05<br>本 | 檜<br>12.01.05<br>澤 | 山<br>12.01.05<br>口 |

|    | Test Items | Procedures/Test method                 | Requirements                                                                                                     |
|----|------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1  | DESIGN     | Design & construction                  | Specified on relevant product drawing<br>(DWG No. J-1122255)<br><br>No defects or abnormalities                  |
| 2  |            | Materials                              |                                                                                                                  |
| 3  |            | Finishes                               |                                                                                                                  |
| 4  | ELECTRICAL | Insulation Resistance                  | DC 500V<br>5000MΩ (Min.)                                                                                         |
| 5  |            | Withstanding voltage                   | AC 750V (1 minute.)<br>No defects or abnormalities                                                               |
| 6  |            | Contact resistance                     | The method of which, the voltage drop of the contact duration should not exceed 1-kHz AC or 1mV DC<br>3mΩ (Max.) |
| 7  |            | V. S. W. R                             | 0.5~6GHz<br>1.2 (Max.)                                                                                           |
| 8  | MECHANICAL | Compatibility                          | Connecting with a standard-compliant connector<br>No defects or abnormalities                                    |
| 9  |            | Center contact retaining force         | When using the standard pin gauge 0.28N (Min.)<br>No defects or abnormalities                                    |
| 10 |            | Cable tensile strength                 | At axial tensile force 39N (Min.)<br>No defects or abnormalities                                                 |
| 11 |            | Tensile strength of coupling mechanism | At axial tensile force 180N<br>No defects or abnormalities                                                       |

GKQM-19-1

|   | Remarks | Date |
|---|---------|------|
| 1 |         |      |
| 2 |         |      |
| 3 |         |      |

# SMA-PJ-0.66A Cable Assembly Instructions

Cable group CD-6F-DSB-CX50  
1X32AWG(7/0.08) Sheath outer diameter1.32

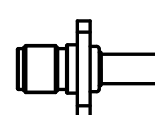
Crimping Tool(Exclusive)  
TA-16(shown on body : DCC 0908)  
TA-17(shown on body : 50-0203)

DRAWING NO. J-1122255

All parts of the connector as shown



| DRAWN                 | INSPECTED           | APPROVED            | CHECKED             |
|-----------------------|---------------------|---------------------|---------------------|
| 渡邊<br>'24.01.10<br>直弘 | 檜<br>'24.01.10<br>澤 | 山<br>'24.01.10<br>本 | 三<br>'24.01.10<br>村 |



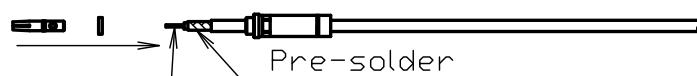
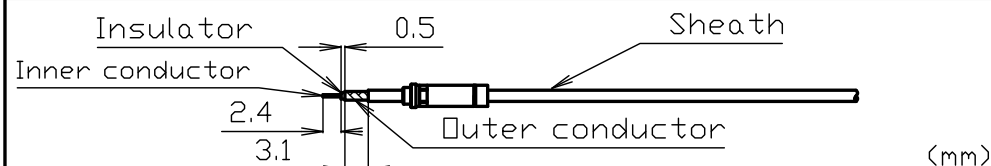
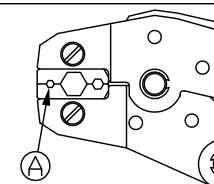
BODY A

CENTER PIN



SPACER

BODY B



1 Slide the body B over cable and strip jacket to dimension shown in diagram.

2 Pre-solder the inner and outer conductors.

## ATTENTION

The outer diameter after pre-soldering should not become too large.

3 Attach the spacer and center pin in this order, and solder to the center pin. Next, slide the body B and press it lightly against the spacer while soldering, and finally attach the body A. At this time, make sure that the grooves in body B are hidden and no longer visible.

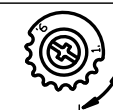
## ATTENTION

Install the spacer so that it completely covers the cable insulation. There should be no gap between the center pin, spacer, and BODY B.

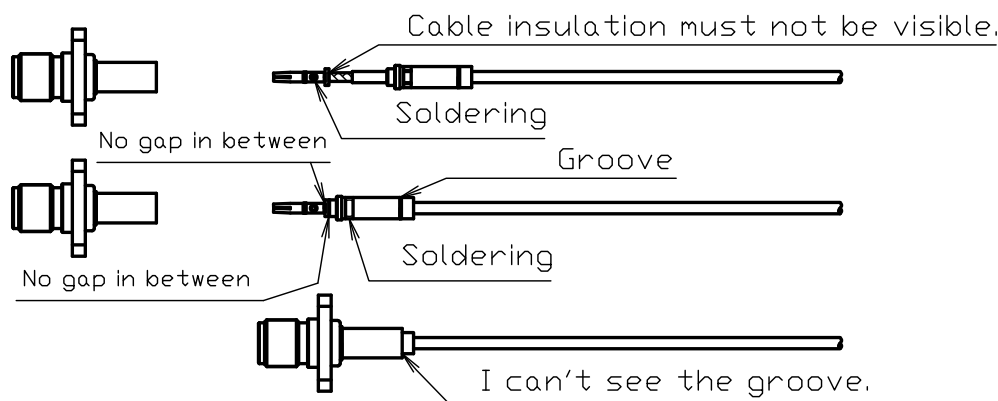
4 Confirm that BODY B has gone all the way in, then crimp it with part A of the crimping tool to complete the work. When body B is deep, the groove of body B is hidden by body A and is not visible. The tip of the center pin and the surface of the insulator will be approximately at the same height.

Measure the dimension as shown in the left diagram, adjust the tensile strength dial to meet the crimp height of 3.56 ~ 3.73mm

Tensile strength dial



Measuring position



The tip of the center pin and the surface of the insulator will be approximately at the same height.

Confirm that the groove in body B is not visible.

