

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-BJ-1. 13AS (Au)

DWG No. X-1124515

Nominal 1 Standard
2 Impedance

JEITA RC-5234
50 Ω

No. 1121678

To-Conne Co., Ltd. (TYC) ㄣ

Checked	Inspected	Prepared
山 15.3.26 本	山 15.3.26 本	檜 15.3.26 澤

	Test Items	Procedures/Test method	Requirements
1	DESIGN Materials Finishes	Specified on relevant product drawing (DWG No. X-1124515)	No defects or abnormalities
2			
3			
4	ELECTRICAL	Insulation Resistance DC 500V	5000MΩ (Min.)
5		Withstanding voltage AC 750V (1 minute.)	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	3mΩ (Max.)
7		V. S. W. R DC~6GHz	1.2 (Max.)
8	MECHANICAL	Compatibility Connecting with a standard-compliant connector	No defects or abnormalities
9		Center contact retaining force When using the standard pin gauge 0.28N (Min.)	No defects or abnormalities
10		Cable tensile strength At axial tensile force 30N (Min.)	No defects or abnormalities
11		Tensile strength of coupling mechanism At axial tensile force 180N	No defects or abnormalities

GKOM-19-1

	Remarks	Date
1		
2		
3		

SMA-BJ-1.13AS(Au) Cable Assembly Instructions

Cable group

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. X-1124515

DRAWN INSPECTED APPROVED CHECKED



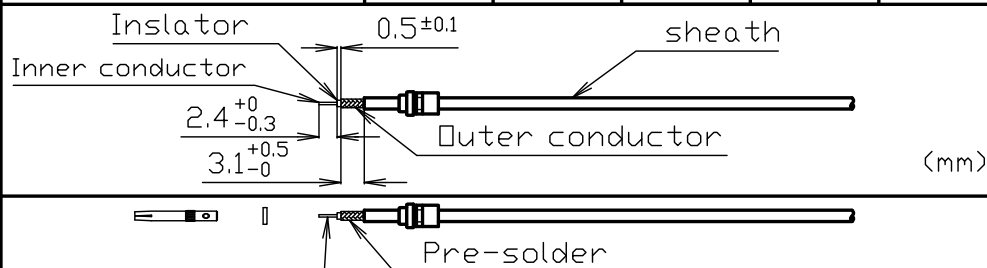
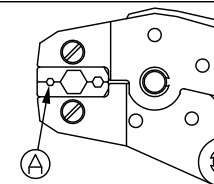
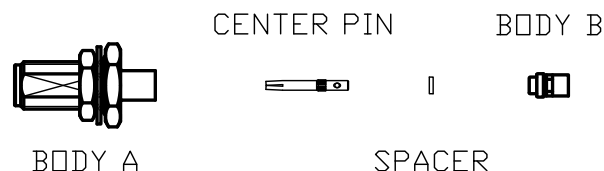
渡邊
'23,12,27
直弘

檜
'23,12,27
澤

山
'23,12,27
本

三
'23,12,27
村

All parts of the connector as shown

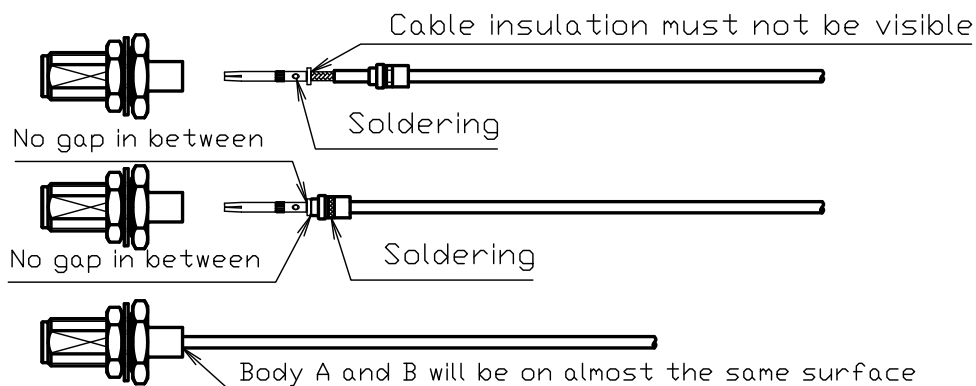


1 Slide the body B over cable and strip jacket to dimension shown in diagram.

2 Pre-solder the inner and outer conductors.

ATTENTION

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

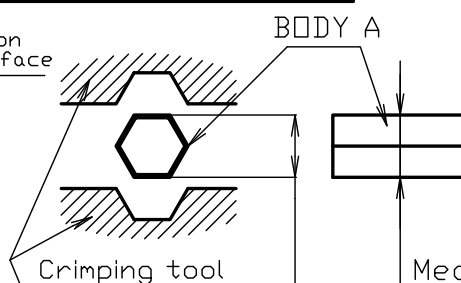
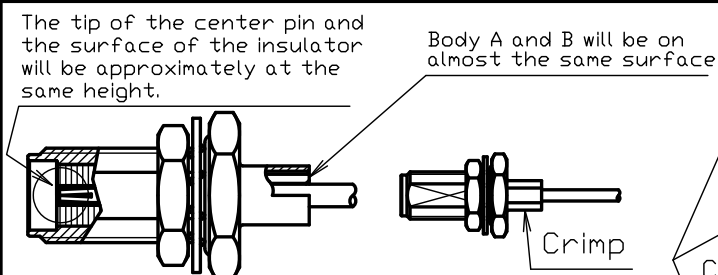


3 Attach the spacer and center pin in this order, and solder to the center pin. Next, slide the body B and press it lightly against the spacer while soldering, and finally attach the body A. After installation, the body A will be almost flush with the body B.

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

