



THE DATASHEET OF SMA-BJ-0.66AS(AU)



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-0. 66AS (Au)

No. 1121612

DWG No. X-1124377

To-Conne Co., Ltd. (TYC)





Nominal 1 Standard
2 Impedance

JEITA RC-5234
50Ω



Test Items		Procedures/Test method	Requirements
DESIGN	1 Design & construction	Specified on relevant product drawing (DWG No. X-1124377)	No defects or abnormalities
	2 Materials		
	3 Finishes		
ELECTRICAL	4 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~8GHz	1.2 (Max.)
MECHANICAL	8 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 39N (Min.)	No defects or abnormalities
	11 Tensile strength of coupling mechanism	At axial tensile force 180N	No defects or abnormalities
ENVIRONMENTAL	12 Waterproof	IP67 for connector body and panel attachment (excluding fitting parts)	Do not allow flooding or dust to enter the interior

Remarks	Date
1	
2	
3	

Checked	Approved	Inspected	Prepared
 三村 22.01.11	 山本 22.01.11	 榎原 22.01.11	 栗原 22.01.11

GKQM-25

SMA-BJ-0.66AS(Au) Cable Assembly Instructions

DRAWING NO. X-1124377

DRAWN	INSPECTED	APPROVED	CHECKED
渡邊 直弘 '24.10.29	檜 澤 '24.10.29	山 本 '24.10.29	三 村 '24.10.29

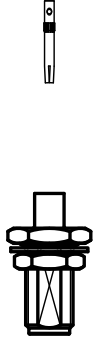


株式会社 トーコー
TO-CORP. CO., LTD.

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

All parts of the connector as sho

CENTER PIN



BODY A

SPAC



NO. イソト
A

Insulator

Inner conductor

0.5

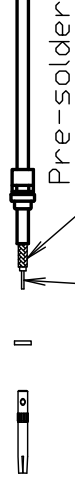
Sheath

Outer conductor

2.4

3.1

(mm)



Pre-solder

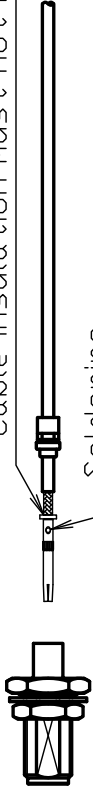
1

Slide the body B over to dimension shown

2

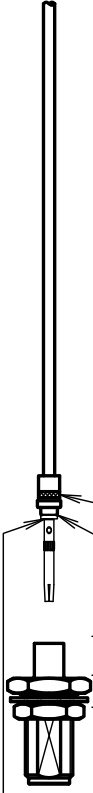
Pre-solder the inner **ATTENTION**
The outer diameter after pre

Cable insulation must not be visible

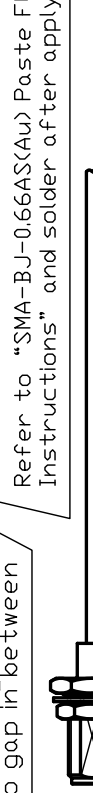


Soldering

No gap in between



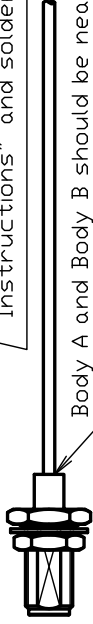
No gap in between



Refer to "SMA-BJ-0.66AS(Au) Paste Flux Application Instructions" and solder after applying paste flux.

ATTENTION

Install the spacer so that it There should be no gap between

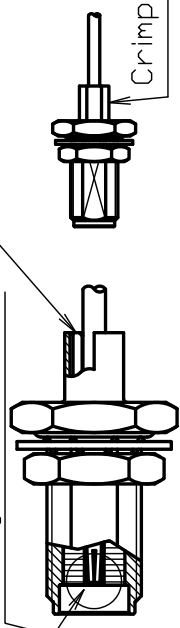


Body A and Body B should be nearly in the same position



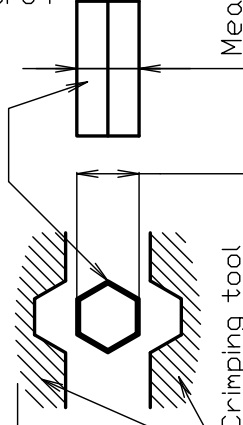
4 Ensure that the body using section A of the

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

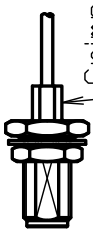


Body A and B should be nearly in the same surface

BODY A



Crimping tool



Crimp

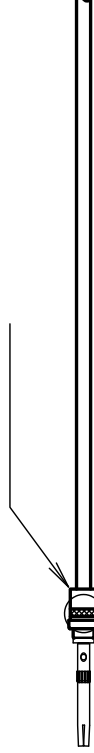
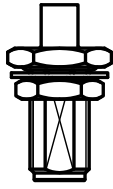


Measuring position

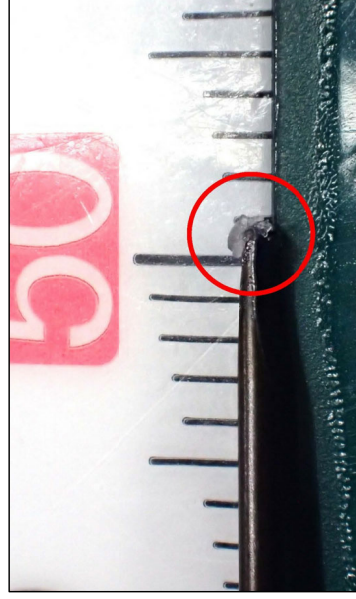
Measure the dimension diagram, adjust the t meet the crimp height

In Step 3 of the installation specification, apply paste flux when soldering Body B.

Body B

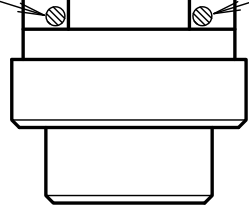


1. Paste flux application amount



Using a sharp pointed object, take approximately 1mm of paste flux on the tip, as shown in the circled part of the photo.

2. Point of flux



Apply about 1/ vertically down

DRAWN	INSPECTED	APPROVED	CHECKED
渡邊 '24,10,29 直弘	繪 '24,10,29 澤	山 '24,10,29 本	三 '24,10,29 村

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View SMA-BJ-0.66AS\(Au\) on WIN SOURCE](#)
- ⊖ [TYCLON Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management