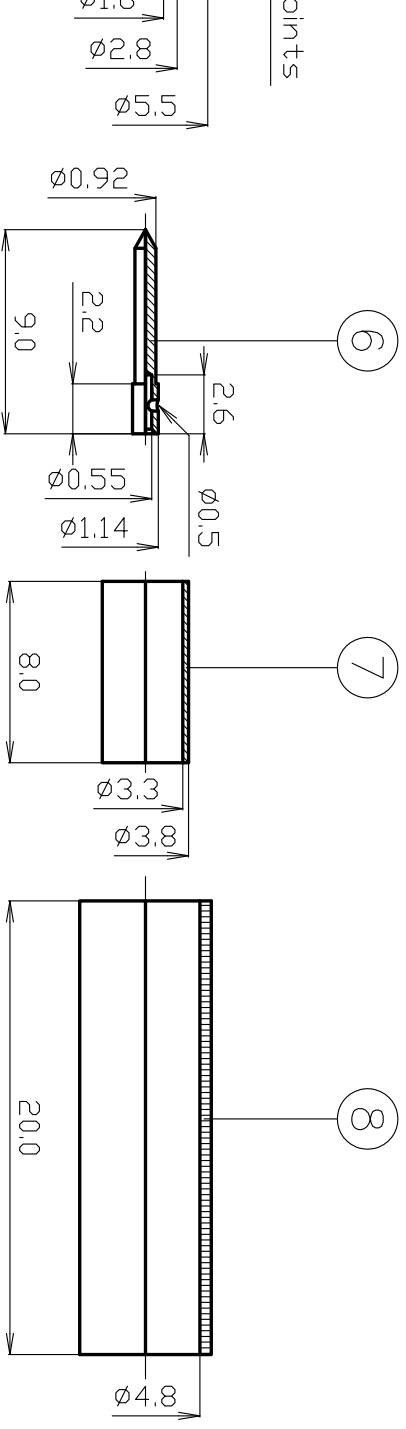




THE DATASHEET OF SMAP-174SX(AU)



NO.	REVISIONS	DATE	CFM
1	FORMAT CONVERSION	2007.09.03	(S)
2	CHANGE OF COMPANY NAME	2012.01.05	(S)
3			
4			
5			



oints

EFIN	1	---	SCALE	3 / 1	DRAWING	CHECKED	APPROVED	CONFIRMATION	TITLE
EL	1	GOLD	UNIT	mm	渡邊 直弘 '15.06.16	樽 澤 '15.06.16	山 本 '15.06.16	三 村 '12.01.05	SMAP-174SX(AU)
Q'TY	1	GOLD	DATE	Nov.01,2006					DRAWING NO. J-1111966
FINISH	1	---	REMARK						

PRODUCT SPECIFICATION

Part number: SMAP-174SX (Au)

No. 1110979

Drawing number: J-1111966

TO-CONNE CO., LTD.

- Nominal: 1. Standard: JEITA RC-5234, IEC 60169-15
2. Voltage rating AC 330V
3. Frequency range 12.4 GHz
4. Impedance: 50Ω

Approved	Checked	Prepared

Parts shall be in accordance with the relevant product drawing

		Test Items	Procedures / Test Method	Requirements
1 2 3	S T R U C T U R E	Design and Construction	Specified in product drawing (Drawing number: J-1111966)	No defects or abnormalities
		Materials		
		Finish		
4	E L E C T R I C A L	Insulation Resistance	DC 500V	1000MΩ min.
5		Withstand voltage	1 minute at AC 1,000V	No defects or abnormalities
6		Contact resistance	The method of which, the voltage drop of the contact duration should not exceed about 1-kHz AC or 1mV DC	Between center contact: 3mΩ Max. Between outer contact: 2mΩ Max.
7		V.S.W.R.	0.5~4GHz	1.2 Max.
8	M E C H A N I C A L	Compatibility	Mating with connector complying with the standard	No defects or abnormalities
9		Cable tensile strength	Axial tensile force of 60N or more	No defects or abnormalities
10		Coupling nut retention force	When axial tensile force of approximately 267N is applied	Coupling nut should have no abnormalities
11		Durability	After 500 matings	No defects or abnormalities

GKQM-19-1

REVISIONS	DATE
Change of company name	2012/1/5

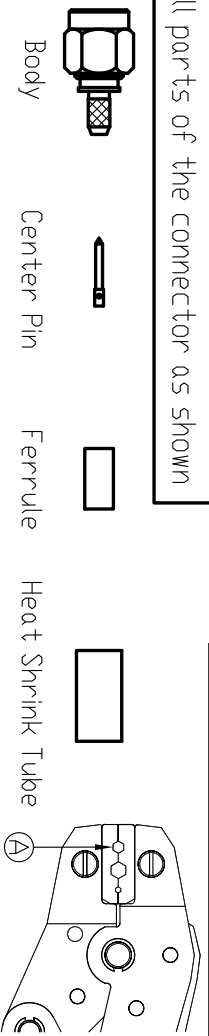
Assembly Instructions

Cable group

RG-174/U, RG-188A/U, RG-316/U

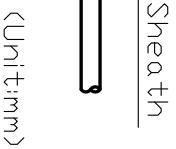
Crimping Tool(Exclusive)
 TA - 16 (Shown on body : DCC 0908)
 TA - 17 (Shown on body : 50-0203)

All parts of the connector as shown



Drawing	Approved
渡邊 15.06.16 直弘	山本 15.06.16

Conductor



(Unit:mm)

1 Slide the heat shrink tube, ferrule onto cable in order as shown. Cut the sheath, outer conductor and insulator to the dimensions as indicated in the diagram.

2 Place the center pin to the inner conductor and solder.

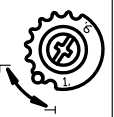
Note:1. No "Swollen" solders
 2. No space between the center contact pin and the insulator.
 After soldering, slightly pull the center contact pin and make sure it is securely attached

3 Insert the body to the cable in between the insulator and the outer conductor.

4 After the attachment (Step 3), slide the ferrule up to the position as shown in the diagram, use part A of the crimping tool to crimp.

Measure the dimension as shown in the diagram, set the dial of the crimping tool to adjust the crimp height. Suggested crimp height is 3.4mm (Max)



Power adjustment dial



5 Slide the heat shrink tube to the upper position as shown in the diagram, use a hot blow dryer etc. to heat the tube and finish the job.

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-  [TYCLON Information](#)

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-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management