

13	CLAMP NUT	BRASS	1	NICKEL	
12	BODY	BRASS	1	NICKEL	
11	WASHER	BRASS	1	NICKEL	
10	GASKET	SILICONE	1	--	COLOR:RED
9	CLAMP	BRASS	1	NICKEL	
8	BUSHING	BRASS	1	NICKEL	
7	FLAT WASHER	BRASS	1	NICKEL	
6	WAVE WASHER	BERYLLIUM COPPER	2	--	
5	HALF FLAT WASHER	BRASS	2	NICKEL	
4	GASKET	SILICONE	1	--	COLOR:RED
3	CENTER PIN	BRASS	1	GOLD	I.D Ø2.4
2	INSULATOR	PTFE	1	--	
1	SHELL	BRASS	1	NICKEL	
NO.	NAME	MATERIAL	Q'TY	FINISH	REMARK

SCALE 3/1

UNIT mm

DATE APR 01,1998

DRAWING	CHECKED	APPROVED	CONFIRMATION	TITLE
渡邊 '16.12.08 直弘	檜 '16.12.08 澤	山 '16.12.08 本	三 '16.12.08 村	BNCP-7
株式会社 トーコネ TO-CONNE CO.,LTD.				DRAWING NO. S-0310936

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

PRODUCT SPECIFICATION

Part Number
Drawing Number
Ratings of Nominal

BNCP-7
S-0310936
1. STANDARD CROSS REFERENCE JIS C5412
2. VOLTAGE RATING AC 500V
3. RATING OF NOMINAL FREQUENCY 4GHz
4. NOMINAL IMPEDANCE 50Ω

No. 0310202

TO-CONNE CO., LTD. (TYC)

Approved	Checked	Prepared

NO.	Test Items		Procedures / Test Method	Requirements
1	S T R U C T U R E	Design and Dimensions	Drawing Number: S-0310936	No Defects Or Abnormalities
2		Materials		
3		Finish and Marking		
4	E L E C T R I C A L	Insulation Resistance	At DC 500V	1000MΩ min.
5		Withstanding Voltage	AC 1500V / 1 Minute	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	3mΩ max
7	M E C H A N I C A L	Compatibility	To connect with industrial standard connectors	Should be connected without any abnormalities
8		Cable Withdrawal Force	Axial Tensile Force: 25kgf {about250N} max	No Defects Or Abnormalities
9		Coupling Nut Retention Force	Axial tensile force: 25kgf {about 250N} max., when 25kgf cm of torque is applied to the coupling nut	Coupling nut should have no abnormalities
10		Mating	After 5,000 times	After 5,000 times, the contact resistance should be 10mΩ Or under
11		Compatible cable	7C-2V, 7C-FB, S-7C-FB, RG-8/U, RG-11/U, EM-7C-2E	

REVISIONS	DATE

BNCP-7 Assembly Instructions

Drawing No.

S-0310936

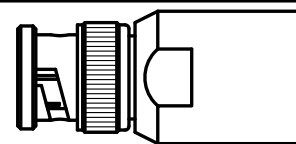


Drawing	Approved
渡邊 '16,12,08 直弘	山 '16,12,08 本

Cable group

7C-2V, 7C-FB, S-7C-FB, RG-8/U, RG-11/U, EM-7C-2E

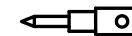
All parts of the connector as shown



BODY



BUSHING



CENTER PIN



CLAMP

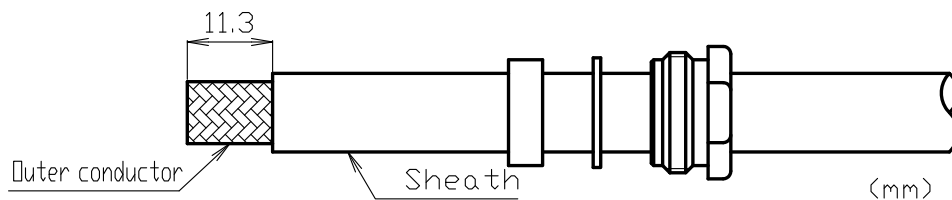
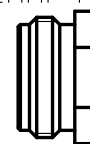


GASKET

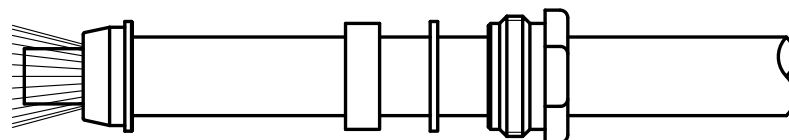


WASHER

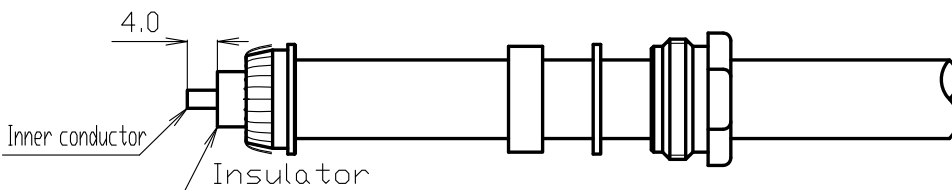
CLAMP NUT



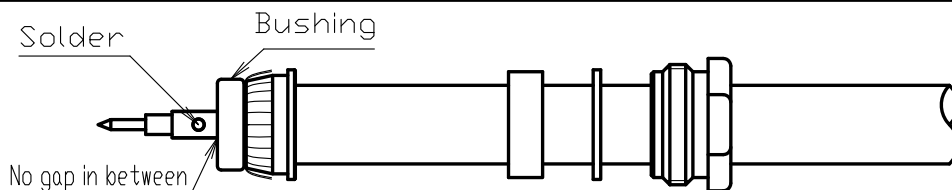
- 1 Insert cable into clamp nut, washer, gasket in order as shown. Strip the sheath (jacket) to the dimensions as shown in the left diagram.



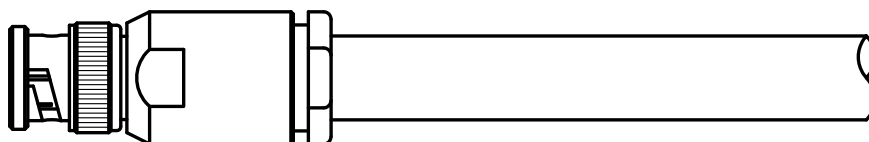
- 2 Put the clamp onto cable, comb and loosen the braid wire.



- 3 Fold back the braid wire and trim to the same length. Cut off the insulator to the dimensions shown in diagram.



- 4 Attach center pin to the inner conductor of the cable and solder. Then put the bushing onto the insulator. Do not put excess solder. Also make sure there is no gap in between the insulator and center pin when soldering. After soldering, slightly pull the center pin to make sure it is securely attached.



- 5 Place the body and tighten the nut with a wrench.