



*1: PHOSPHOR BRONZE

11	NUT	BRASS	1	Ni	
10	WASHER	BRASS	1	Ni	
9	GASKET	SILICONE	1	--	
8	CLAMP	BRASS	1	Ni	
7	BUSHING	BRASS	1	Ni	
6	INSULATOR	PTFE	1	--	
5	HOLDING RING	*1	1	Ni	
4	BODY	BRASS	1	Ni	
3	GASKET	SILICONE	1	--	
2	CENTER PIN	BRASS	1	Au	
1	COUPLING NUT	BRASS	1	Ni	
NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK

RoHS Compliant $Cd \leq 75ppm$

REMARKS BRASS: $Cd \leq 75ppm$
PHOSPHOR BRONZE: $Pb < 4wt\%$

SCALE 3/1	DRAWN 井 '24.04.26 出	INSPECTED 檜 '24.04.26 澤	APPROVED 山 '24.04.26 本	CHECKED 三 '24.04.26 村	PART NUMBER NP-62/U
TOLERANCE ±0.2	PROJECTION 				DRAWING NO. Y-0510896
UNIT mm					
DATE 2024.04.26	株式会社 トーコンネ TO-CONNE CO.,LTD. 				

PRODUCT SPECIFICATIONS

Part No. NP-62/U

No. 0510173

DWG No. Y-0510896

Nominal 1 Standard JIS C 5411
 2 Voltage rating AC 500V
 3 Frequency range 100MHz
 4 Impedance 50Ω
 5 [OPR]Temp-Range -40°C~+85°C



株式会社 トーコネ
 TO-CONNE CO., LTD.

	Test Items	Procedures/Test method	Requirements
1	DESIGN Materials Finishes	Specified on relevant product drawing (DWG No. Y-0510896)	No defects or abnormalities
2			
3			
4	ELECTRICAL	Insulation Resistance DC 500V	1000MΩ (Min.)
5		Withstanding voltage AC 1000V (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※1 DC~50MHz 50MHz~100MHz	1.3 (Max.) 1.6 (Max.)
8	MECHANICAL	Compatibility Connecting with a standard-compliant connector	No defects or abnormalities
9		Tensile strength of coupling mechanism At axial tensile force 300N	No defects or abnormalities
10		Cable tensile strength At axial tensile force 98N (Min.)	No defects or abnormalities
11		Durability 5000matings	Contact resistance 10mΩ (Max.)
12	Cable group	RG-62/U RG-59/U	

※1 V. S. W. R、Cable tensile strength is confirmed by Fujikura: RG-59/U installation.

	Remarks	Date
1		
2		
3		

Checked	Approved	Inspected	Prepared
三 23.05.11 村	山 23.05.11 本	檜 23.05.11 澤	井 23.05.11 出

GKQM-25

NP-62/U Cable Assembly Instructions

Cable group RG-62/U, RG-59/U

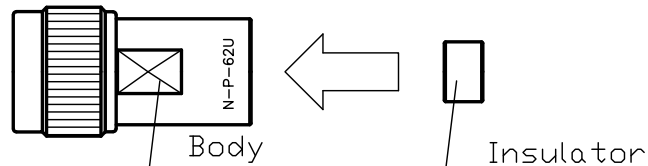
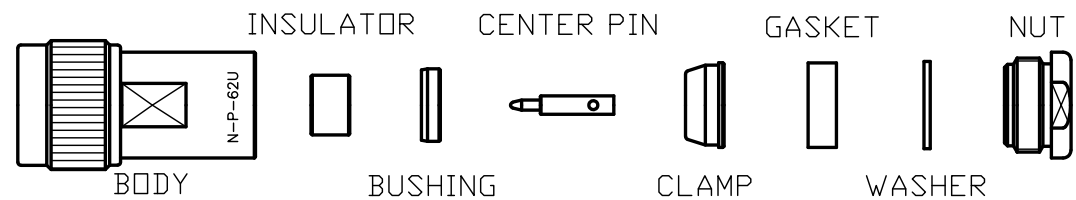
All parts of the connector as shown

DRAWING NO.

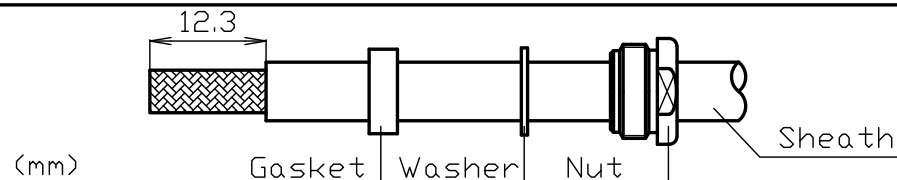
Y-0510896



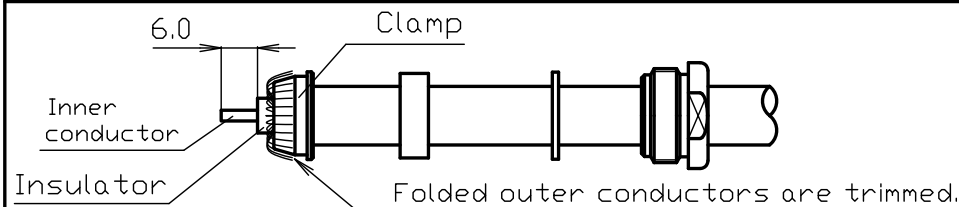
DRAWN	INSPECTED	APPROVED	CHECKED
渡邊 '23,12,22 直弘	檜 '23,12,22 澤	山 '23,12,22 本	三 '23,12,22 村



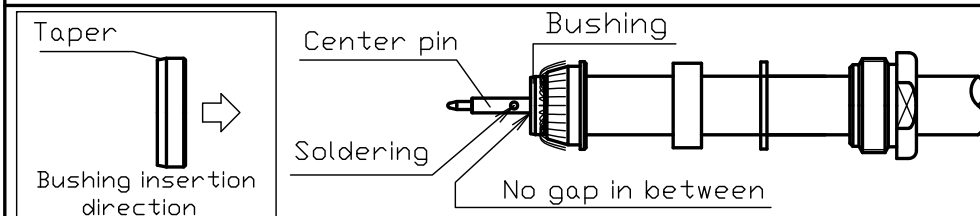
1 Mount the insulator inside the body.



2 Slide the nut, washer, gasket over cable and strip jacket to dimension shown in diagram.

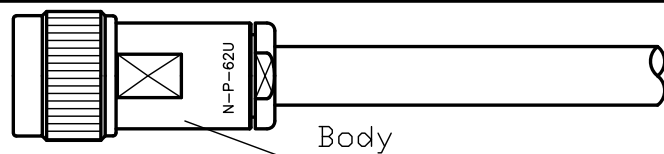


3 Place clamp over outer conductor and push back against cable jacket. Fold back wires, trim to the same length. Cut off the insulator to the dimensions as shown in diagram.



4 Attach the bushing and solder the center pin to the inner conductor. Make sure there is no gap between the insulator and the center pin and that the solder is not raised. After solder, slightly pull the contact pin and make sure it is securely attached.

ATTENTION Check the mounting orientation of the bushing.



5 Attach the body and tighten the tightening nut with a spanner, etc. to complete the work.