

\*1 : BERYLLIUM COPPER  
 \*2 : PHOSPHOR BRONZE

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

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK
10	BUSHING	BRASS	1	Ni	
9	BODY	BRASS	1	Ni	
8	CENTER PIN	*2	1	Au	
7	INSULATOR B	PTFE	1	--	
6	FLAT WASHER	BRASS	1	Ni	
5	WAVE WASHER	*1	2	Ni	
4	HALF FLAT WASHER	BRASS	2	Ni	
3	GASKET	SILICONE	1	--	
2	INSULATOR A	PTFE	1	--	
1	SHELL	BRASS	1	Ni	

SCALE	3/1	DRAWN	INSPECTED	APPROVED	CHECKED	PART NUMBER BNCP-NJ
UNIT	mm	渡邊 '24.02.05 直弘	檜 '24.02.05 澤	山 '24.02.05 本	三 '24.02.05 村	
DATE	2024.02.05	PROJECTION		株式会社 トーコン TO-CONN CO., LTD.		DRAWING NO. H-0670271

# PRODUCT SPECIFICATION

Part number: BNCP-NJ

No. 0670091

Drawing number: H-0670271





Nominal 1 Standard JIS C 5411、MIL-C-39012  
 2 Voltage rating AC 500V  
 3 Frequency range 4GHz  
 4 Impedance 50Ω  
 5 Operating Temperature Range -40°C~+85°C  
 6 Operating Humidity Range 95%RH(Max.)  
 ※No condensation



		Test Items	Test Method/Value	Remarks
E L E C T R I C A L	1	Insulation Resistance	1000MΩ(Min.) at DC 500V	
	2	Withstand voltage	1 minute at AC 1000V	
	3	Contact resistance	3mΩ (Max.)	
	4	V.S.W.R	DC~2GHz : 1.2(Max.)	
M E C H A N I C A L	5	Compatibility	No defects or abnormalities	Mating with connector complying with the standard
	6	Tensile strength of coupling mechanism (NJ)	300N	When axial tensile force is applied
	7	Center contact retaining force (NJ)	1N(Min.)	With a standard pin gauge
	8	Center contact cavitation	5N(Min.)	When axial tensile force is applied
	9	Durability	5000matings	Contact resistance 10mΩ(Max.)
E N V I R O N M E N T A L	10	Corrosion resistance	Neutral 5% salt water performed for 48 hours, followed by removal and insertion of the center pin 10 times.	No significant corrosion on the exterior. Satisfies test item 5 on the above. Contact resistance of 50mΩ(Max.).

※The structural shape is shown in the attached drawing (Drawing number:H-0670271)

REVISIONS		DATE
1		
2		

Checked	Approved	Inspected	Prepared
 三 24.02.05 村	 山 24.02.05 本	 檜 24.02.05 澤	 渡邊 24.02.05 直弘

GKQM-7