

※1: TERNARY PLATING
 ※2: PHOSPHOR BRONZE

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

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK	SCALE	DRAWN	INSPECTED	APPROVED	CHECKED	PART NUMBER
7						2/1	渡邊	檜	山	三	7/16P-7/16J
6	INSULATOR	PTFE	1	--		'24.03.29	'24.03.29	'24.03.29	'24.03.29		
5	CENTER PIN	※2	1	Ag		直弘	澤	本	村		
4	HOLDING RING	※2	1	Ni							
3	BODY	BRASS	1	※1		UNIT					
2	GASKET	SILICONE	1	--		mm					
1	COUPLING NUT	BRASS	1	※1		DATE					
						2024.03.29	PROJECTION	株式会社 トーコン TO-CONN CO., LTD.		DRAWING NO. D-1043994	

PRODUCT SPECIFICATIONS

Part number: 7/16P-7/16J

No. 1041413

Drawing number: D-1043994





Nominal 1 Standard IEC 61169-4
 2 Voltage rating 2.7kV max. at 50Hz
 3 Rated frequency 6GHz
 4 Impedance 50Ω
 5 Operating temperature range -40°C~+85°C
 6 Operating humidity range 95%(Max.) ※No condensation



Test Items		Test Method/Value	Remarks	
ELECTRICAL	1	Insulation resistance	5000MΩ(Min.) at DC 500V	
	2	Withstanding voltage	1 minute at AC 4000V	
	3	Contact resistance	Inner conductor : 0.4mΩ(Max.) Outer conductor : 1.5mΩ(Max.)	
	4	V.S.W.R	DC~6GHz : 1.2(Max.)	
	5	Intermodulation	-163dBc(Max.)	2×43dBm
MECHANICAL	6	Compatibility	No defects or abnormalities	Connecting with a standard-compliant connector
	7	Tensile strength of coupling mechanism	445N	At axial tensile force
	8	Coupling torque	25~30N·m	
ENVIRONMENTAL	9	Waterproof	IPX7	In the mated condition

※The structural shape is shown in the attached drawing (Drawing number:D-1043994)

REVISIONS		DATE
1		
2		
3		

Checked	Approved	Inspected	Prepared
 三 24.03.29 村	 山 24.03.29 本	 樽 24.03.29 澤	 渡邊 24.03.29 直弘

GKQM-24