



- *1: TERNARY PLATING
- *2: PASSIVATE
- *3: PHOSPHOR BRONZE
- *4: STAINLESS STEEL

RoHS Compliant

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK
9	BODY B	BRASS	1	*1	
8	RESISTOR	--	1	--	
7	□-RING B	SILICONE	1	--	
6	BODY A	BRASS	1	*1	
5	HOLDING RING	*4	1	*2	
4	INSULATOR	PTFE	1	--	
3	□-RING A	SILICONE	1	--	
2	CENTER PIN	*3	1	Au	
1	COUPLING NUT	BRASS	1	*1	

SCALE	2/1	DRAWN	INSPECTED	APPROVED	CHECKED	PART NUMBER
		井 '23,12,14 出	檜 '23,12,14 澤	山 '23,12,14 本	三 '23,12,14 村	7/16P50TD6G-2W
UNIT	mm	PROJECTION				DRAWING NO.
DATE	2023.12.14	株式会社 トーコン TO-CONN CO., LTD.				W-1015644

PRODUCT SPECIFICATIONS

Part No. 7/16P50TD6G-2W

No. 1012201

DWG No. W-1015644

Nominal 1 Standard IEC 60169-4
 2 Frequency range 6GHz
 3 Impedance 50Ω
 4 Power handling 2W
 5 [OPR]Temp-Range -45°C~+85°C



		Test Items	Procedures/Test method	Requirements
DESIGN	1	Design & construction	Specified on relevant product drawing (DWG No. W-1015644)	No defects or abnormalities
	2	Materials		
	3	Finishes		
ELECTRICAL	4	V. S. W. R	DC~6GHz	1.2 (Max.)
	5	Compatibility	Connecting with a standard-compliant connector	No defects or abnormalities
MECHANICAL	6	Tensile strength of coupling mechanism	At axial tensile force 445N	No defects or abnormalities
	7	Connection nut tightening torque	25~30N·m	No defects or abnormalities
ENVIRONMENTAL	8	Waterproof	IPX7	No water ingress inside the connector

	Remarks	Date
1		
2		
3		

Checked	Approved	Inspected	Prepared
三 20.05.11 村	山 20.05.11 本	檜 20.05.11 澤	渡邊 '20,05,11 直弘