



\*1 : TERNARY PLATING  
 \*2 : PHOSPHOR BRONZE

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

7						SCALE	2/1	DRAWN	INSPECTED	APPROVED	CHECKED	PART NUMBER
6								井	石	檜	三	
5								'25,07,28	'25,07,28	'25,07,28	'25,07,28	7/16J-HNJ
4								出	川	澤	村	
3	INSULATOR	PTFE	--	--		UNIT	mm					DRAWING NO. U-0676844
2	CENTER PIN	*2	1	Ag		DATE	2025.07.28	PROJECTION				
1	BODY	BRASS	1	*1								
NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK							



■ Part number : 7/16J-HNJ

■ Drawing number : U-0676844

■ Nominal

Standard : IEC 61169-4(7/16)、MIL-C-39012(HN)

Voltage rating : AC 1500V

Rated frequency : 3GHz

Impedance : 50Ω

Operating temperature range : -40°C~+85°C

Operating humidity range : 95%(Max.) ※No condensation

■ Structural shape : Conformity with the drawings.

■ Electrical

Test Items	Test Method/Value	Remarks
Insulation resistance	5000MΩ (Min.) at DC 500V	
Withstanding voltage	1 minute at AC 2500V	
Contact resistance	Inner conductor : 0.4mΩ (Max.)(7/16)、3mΩ (Max.)(HN) Outer conductor : 1.5mΩ (Max.)(7/16)、3mmΩ (Max.)(HN)	
VSWR	DC~3GHz : 1.3(Max.)	

■ Mechanical

Test Items	Test Method/Value	Remarks
Compatibility	No defects or abnormalities	Connecting with a standard compliant connector
Tensile strength of coupling mechanism	445N(7/16)、300N(HN)	At axial tensile force
Center contact captivation	200N(Min.)(7/16)、10N(Min.)(HN)	At axial tensile force
Center contact retaining force	6N(Min.)(7/16)、1.5~3N(HN)	With a standard pin gauge

■ Others


■ Revisions

No.	Date	Contents
1		
2		

Date	Name
2025/8/1	井出(Prepared)
2025/8/1	石川(Inspected)
2025/8/1	檜澤(Approved)
2025/8/1	三村(Checked)