



*1: PASSIVATE
 *2: STAINLESS STEEL
 *3: BERYLLIUM COPPER

RoHS Compliant

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK	DATE	PROJECTION	COMPANY	DRAWING NO.
7	COUPLING NUT B	*2	1	*1		2025.10.03	第一角	株式会社 トーコネ TO-CONNE CO., LTD.	V-0676812
6	COUPLING NUT A	*2	1	*1		2025.10.03	第一角		
5	HOLDING RING	*3	2	Ni		2025.10.03	第一角		
4	BODY	*2	1	*1		2025.10.03	第一角		
3	BUSHIN1	*2	1	*1		2025.10.03	第一角		
2	INSULATOR	PEI	1	--		2025.10.03	第一角		
1	CENTER PIN	*3	1	Au		2025.10.03	第一角		

■ Part number : 1.85P-K292P

■ Drawing number : V-0676812

■ Nominal

Standard : IEC 61169-32(1.85Side)、IEC 61169-35(2.92Side)

Voltage rating : AC 160V

Rated frequency : 40GHz

Impedance : 50Ω

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

■ 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 500V	
Contact resistance	Inner conductor : 4mΩ (Max.)(1.85Side) Inner conductor : 3mΩ (Max.)(2.92Side) Outer conductor : 2.5mΩ (Max.)(1.85Side) Outer conductor : 2mΩ (Max.)(2.92Side)	
VSWR	DC~40GHz : 1.25(Max.)	

■ Mechanical

Test Items	Test Method/Value	Remarks
Compatibility	No defects or abnormalities	Connecting with a standard compliant connector
Tensile strength of coupling mechanism	447N(1.85Side) 100N(2.92Side)	At axial tensile force
Coupling torque	0.8N·m~1.1N·m	

■ Revisions

No.	Date	Contents
1		
2		

Date	Name
2025/10/3	上領
2025/10/3	山本
2025/10/3	檜澤
2025/10/3	三村