

*1 PASSIVATE
 *2 STAINLESS STEEL
 *3 BERYLLIUM COPPER

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK
11	CENTER PIN C	*3	1	Au	
10	CENTER PIN B	*3	1	Au	
9	CENTER PIN A	*3	1	Au	
8	INSULATOR	PEI	2	--	
7	BUSHING D	*2	1	*1	
6	BUSHING C	*2	2	*1	
5	BUSHING B	*2	1	*1	
4	BUSHING A	*2	1	*1	
3	COUPLING NUT	*2	1	*1	
2	HOLDING RING	*3	1	Ni	
1	BODY	*2	1	*1	

SCALE 5/1

UNIT mm

DATE 2024.05.31

DRAWN	INSPECTED	APPROVED	CHECKED
井 '24,05,31 出	檜 '24,05,31 澤	山 '24,05,31 本	三 '24,05,31 村

PROJECTION

株式会社 トーコン
 TO-CONN CO., LTD.

RoHS Compliant

PART NUMBER
 1.85-LA-PJ

DRAWING NO. V-1046387

PRODUCT SPECIFICATIONS

Part number: 1.85-LA-PJ

No. 1042570

Drawing number: V-1046387





Nominal 1 Standard IEC 61169-32
 2 Voltage rating AC 160V
 3 Rated frequency 67GHz
 4 Impedance 50Ω
 5 Operating temperature range -55°C~+105°C



		Test Items	Test Method/Value	Remarks
1	E L E C T R I C A L	Insulation resistance	5000MΩ(Min.) at DC 500V	
2		Withstanding voltage	1 minute at AC 500V	
3		Contact resistance	Inner conductor : 4.0mΩ(Max.) Outer conductor : 2.5mΩ(Max.)	
4		VSWR	DC~67GHz : 1.4(Max.)	
5	M E C H A N I C A L	Compatibility	No defects or abnormalities	Connecting with a standard-compliant connector
6		Tensile strength of coupling mechanism	447N	At axial tensile force
7		Center contact retaining force	0.25N(Min.)	With a standard pin gauge
8		Coupling torque	0.8~1.1N·m	
	O T H E R S			

※The structural shape is shown in the attached drawing (Drawing number:V-1046387)

	REVISIONS	DATE
1		
2		
3		

Checked	Approved	Inspected	Prepared
			

GKQM-24