

Applicable standard					
Rating	Operating temperature range	-40 °C to +85 °C(95 %RH Max.)	Storage temperature range	-40 °C to +85 °C(95 %RH Max.)	
	Power	- W	Characteristic impedance	50 Ω(0 to 18 GHz)	
	Peculiarity	-	Applicable cable	FCCAF2 (NISSEI ELECTRIC CO.,LTD.)	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
General examination		Visually and by measuring instrument.	According to drawing.	X	X
Marking		Confirmed visually.		-	-
ELECTRICAL CHARACTERISTICS					
Contact resistance	100 mA Max.(DC or 1000 Hz)	Center contact 0.68(Lmax-6.8)+12 mΩ Max.	X	X	
		Outer contact 0.127(Lmax-6.8)+12 mΩ Max.	X	X	
Insulation resistance	100 V DC.	1000 MΩ Min.	X	X	
Withstanding voltage	100 V AC for 1 min. current leakage 2 mA Max.	No breakdown.	X	X	
Insertion loss	Frequency 0 to 15 GHz.	20 dB Min.	X	-	
	Frequency 15 to 18 GHz.	15 dB Min.			
Insertion loss	Frequency - to - GHz.	- dB Max.	-	-	
MECHANICAL CHARACTERISTICS					
Cable clamp strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of 30 mm/min. and record the strength at which the cable or connector breaks.	49 N Min.	X	-	
Count	Description of revisions		Designed	Checked	Date
①					
Remark Notes 1. "L" at the end of the product name indicates the cable length (unit:mm). Unless otherwise specified, refer to IEC 60512.			Approved	NK.NINOMIYA	20230608
			Checked	NK.NINOMIYA	20230608
			Designed	MK.INOUE	20230608
			Drawn	MK.INOUE	20230608
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		
	SPECIFICATION SHEET		Part No. SMP-2J-AF2-A-LRS		
	HIROSE ELECTRIC CO., LTD.		Code No.		
			 1/1		