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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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	FCCAF1 (NISSEI ELECTRIC CO.,LTD.)	
<b>SPECIFICATIONS</b>					
ITEM		TEST METHOD		REQUIREMENTS	
CONSTRUCTION				QT	AT
General examination		Visually and by measuring instrument.		According to drawing.	
Marking		Confirmed visually.		-	-
<b>ELECTRICAL CHARACTERISTICS</b>					
Contact resistance	100 mA Max.(DC or 1000 Hz)		Center contact 0.25(Lmax-6.2)+12 mΩ Max.	X	X
			Outer contact 0.14(Lmax-6.2)+12 mΩ Max.	X	X
Insulation resistance	500 V DC.		1000 MΩ Min.	X	X
Withstanding voltage	500 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.	-	-
<b>MECHANICAL CHARACTERISTICS</b>					
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.		
<b>HRS</b>	SPECIFICATION SHEET		Part No.		SMP-2J-AF1-A-LRS
	HIROSE ELECTRIC CO., LTD.		Code No.		① 1/1