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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	-55 °C to +125 °C( 95 %RH Max.)	Storage temperature range	-55 °C to +125 °C( 95 %RH Max.)		
	Power	-- W	Characteristic impedance	50 Ω( 0 to 30 GHz)		
	Peculiarity	----	Applicable cable	0.085 inch flexible cable MCCA1/1 (NISSEI ELECTRIC CO.,LTD.)		
<b>SPECIFICATIONS</b>						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>						
General examination		Visually and by measuring instrument.		According to drawing.	X	X
<b>ELECTRICAL CHARACTERISTICS</b>						
Contact resistance	10 mA Max.(DC or 1000 Hz)		Center contact	88 mΩ Max.	X	X
			Outer contact	23 mΩ Max.	X	X
Insulation resistance	500 V DC.		500 MΩ Min.		X	X
Withstanding voltage	500 V AC for 1 min. current leakage 2 mA Max.		No flashover or breakdown.		X	X
Voltage standing wave ratio	Frequency 0 to 30 GHz.		VSWR 1.3 Max. (0 to 15 GHz)		X	-
	VSWR when connecting with SMPP[FD]-HKP		VSWR 1.5 Max. (15 to 30 GHz)			
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.		40 N Min.		X	-
	Count	Description of revisions	Designed	Checked	Date	
						
Remark  Unless otherwise specified, refer to IEC 60512.				Approved	TS.NAKAGAWA	20210902
				Checked	AH.MIYAZAKI	20210902
				Designed	TK.SAWAGUCHI	20210901
				Drawn	TK.SAWAGUCHI	20210901
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-387021-03-00		
	SPECIFICATION SHEET		Part No.	SMP-2J-MC1-A-300		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0321-1239-0-03	0	1/1