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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 ℃ to +90 ℃(90 %RH Max.)	Storage temperature range	-40 ℃ to +90 ℃(90 %RH Max.)
	Power	-- W	Characteristic impedance	50 Ω(0 to ⚠1 8 GHz)
	Peculiarity	----	Applicable cable	RF-MF50141 (NISSEI ELECTRIC CO., LTD.)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General examination	Visually and by measuring instrument.	According to drawing.	X	X
ELECTRICAL CHARACTERISTICS				
Contact resistance	10 mA Max.(DC or 1000 Hz)	Center contact 0.33(Lmax+0.9)+24 mΩ Max.	X	X
		Outer contact 0.15(Lmax+0.9)+14 mΩ Max.	X	X
Insulation resistance	100 V DC.	500 MΩ Min.	X	X
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.	No flashover or breakdown.	X	X
Voltage standing wave ratio ⚠1	Frequency 0 to 3 GHz.	VSWR 1.3 Max.	X	—
	Frequency 3 to 6 GHz.	VSWR 1.4 Max.		
	Frequency 6 to 8 GHz.	VSWR 1.6 Max.		
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 10 mm/min. and record the strength at which the cable or connector breaks.	9.8 N Min.	X	—

	Count	Description of revisions	Designed	Checked	Date
⚠	2	DIS-D-00004891	NK.NINOMIYA	TS.NOBE	20200428

Remark
Notes 1. "L" at the end of the product name indicates the cable length (unit:mm).
2. Specifications are subject to change without notice.
Unless otherwise specified, refer to IEC 60512.

Approved	TO.KATAYAMA	20180721
Checked	TO.KATAYAMA	20180721
Designed	YI.FUNADA	20180721
Drawn	YI.FUNADA	20180721

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

HRS	SPECIFICATION SHEET	Drawing No.	
		Part No.	HBPJ-UFLHF6-088N*T-ALRS
	HIROSE ELECTRIC CO., LTD.	Code No.	⚠ 1/1

FORM HD0011-2-1