

Sep. 1. 2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
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 +90 °C(90 %RH Max.)	Storage temperature range	-40 °C to +90 °C(90 %RH Max.)	
	Power	-- W	Characteristic impedance	50 Ω(0 to \triangle 8 GHz)	
	Peculiarity	----	Applicable cable	RF-MF5013 (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 0.52(Lmax-0.6)+24 mΩ Max.	X	X
			Outer contact 0.08(Lmax-0.6)+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 \triangle	Frequency 0 to 3 GHz.		VSWR 1.3 Max.	X	-
	Frequency 3 to 6 GHz.		VSWR 1.5 Max.		
	Frequency 6 to 8 GHz.		VSWR 1.7 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
\triangle	2	DIS-D-00005027	MK. INOUE	TO. KATAYAMA	20200605
Remark			Approved	TO.KATAYAMA	20180717
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.			Checked	TO.KATAYAMA	20180717
			Designed	YI.FUNADA	20180717
			Drawn	YI.FUNADA	20180717
			Note QT:Qualification Test AT:Assurance Test X:Applicable Test		
HRS	SPECIFICATION SHEET		Part No.		HPJ-UFLHF6-066N*-ALRS
	HIROSE ELECTRIC CO., LTD.		Code No.		\triangle 1/1