

Applicable standard						
Rating	Operating temperature range	-40 °C to +85 °C(90 %RH Max.)	Storage temperature range	-40 °C to +70 °C(90 %RH Max.)		
	Power	2 W	Characteristic impedance	50 Ω(0 to 6 GHz)		
	Peculiarity	---	Applicable cable	RF-MF5010(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 ※1	100 mA Max.(DC or 1000 Hz)		Center contact	188 mΩ Max.	X	X
			Outer contact	83 mΩ Max.	X	X
Insulation resistance	250 V DC.		1000 MΩ Min.		X	X
Withstanding voltage	250 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 1.4 Max.		X	-
	Frequency 3 to 6 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.		20 N Min.		X	-
Count	Description of revisions		Designed	Checked	Date	
△						
Remark			Approved	KH.IKEDA	16.04.25	
RoHS COMPLIANT			Checked	NK.NINOMIYA	16.04.22	
※1 This specification includes MS-190.			Designed	RO.FURUYAMA	16.04.22	
Unless otherwise specified, refer to IEC 60512.			Drawn	RO.FURUYAMA	16.04.22	
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-369880-01-00		
HRS	SPECIFICATION SHEET		Part No.	MS190LH1-HRMJ-040V100		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL362-0016-0-01	△	1/1