

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 473 mΩ Max.	X	X
			Outer contact 144 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 RoHS COMPLIANT ※1 This specification includes MS-190. Unless otherwise specified, refer to IEC 60512.			Approved	NK.NINOMIYA	17.07.12
			Checked	MT.KANEKO	17.07.12
			Designed	MS.MATSUMOTO	17.07.12
			Drawn	MS.MATSUMOTO	17.07.12
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-369880-03-00		
	SPECIFICATION SHEET		Part No.	MS190LH1-HRMJ-040V300	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL362-0016-0-03	△ 1/1