

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C			
	POWER	2 W	CHARACTERISTIC IMPEDANCE	50Ω			
	FREQUENCY RANGE	0.045 TO 6 GHz	OPERATING HUMIDITY RANGE	TO 90%			
	PECULIARITY	—	APPLICABLE CABLE	—			
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS	QT	AT	
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	×	×	
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE ※1	100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT	100 mΩ MAX.	×	×	
			OUTER CONTACT	100 mΩ MAX.			
INSULATION RESISTANCE	100 V DC.		1000 MΩ MIN.		×	—	
VOLTAGE PROOF	100 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		×	×	
V.S.W.R. ※1	FREQUENCY 0.045 TO 3.0 GHz		1.4 MAX		×	—	
	FREQUENCY 3.0 TO 6.0 GHz		1.6 MAX				
INSERTION LOSS ※1	FREQUENCY 0.045 TO 3.0 GHz		0.5 dB MAX.		×	—	
	FREQUENCY 3.0 TO 6.0 GHz		0.7 dB MAX.				
ISOLATION	FREQUENCY TO GHz		dB MIN.		—	—	
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		1 100000 TIMES INSERTIONS AND EXTRACTIONS.		1) ACCORDING TO THE V.S.W.R. AND THE INSERTION LOSS SPEC. ABOVE. ※2 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		×	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
Δ	1	DIS-D-00004024		RO. FURUYAMA	NK. NINOMIYA	20190509	
REMARK ※1. This specification includes MS-180 and HRM.J-ML51.P-A(40). 2. V.S.W.R. and Insertion loss spec is measured with MS-180 which is not used in mechanical operation test. Unless otherwise specified, refer to IEC-60512 .				APPROVED	KH. IKEDA	20170324	
				CHECKED	NK. NINOMIYA	20170324	
				DESIGNED	RO. FURUYAMA	20170324	
				DRAWN	RO. FURUYAMA	20170324	
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test				DRAWING NO.		ELC-373693-00-00	
HRS	SPECIFICATION SHEET			PART NO.	MS-180-ML51. J-F6		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL358-0362-0-00	Δ	1/1