

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
△	1	DIS-D-00004024	RO. FURUYAMA	NK. NINOMIYA	20190509
REMARK ※1. This specification includes MS-180 and SMA(F)-SMPM(F) adaptor. 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	20160908
			CHECKED	NK. NINOMIYA	20160908
			DESIGNED	RO. FURUYAMA	20160908
			DRAWN	RO. FURUYAMA	20160908
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test			DRAWING NO.		ELC-370792-00-00
HRS	SPECIFICATION SHEET		PART NO.	MS-180-SMPMP (FD) -F6	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL358-0360-0-00	△ 1/1