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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 +85°C	STORAGE TEMPERATURE RANGE	\triangle -30°C TO +70°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	1.3 MAX		×	—
	FREQUENCY	3.0 TO 6.0 GHz	\triangle 1.7 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	1000000 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	
\triangle	2	DIS-D-00008284	MT. KANEKO	NK. NINOMIYA	20210701	
REMARK			APPROVED	KH. IKEDA	20150713	
※1. This specification includes MS-190.			CHECKED	NK. NINOMIYA	20150713	
2. V.S.W.R. and Insertion loss spec is measured with MS-190 which is not used in mechanical operation test.			DESIGNED	RO. FURUYAMA	20150713	
Unless otherwise specified, refer to IEC-60512 .			DRAWN	RO. FURUYAMA	20150713	
Note QT:Qualification Test AT:Assurance Test × :Applicable Test			DRAWING NO.	ELC-365270-00-00		
HRS	SPECIFICATION SHEET		PART NO.	MS-190-HRMJ-F6		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0358-0007-0-00	\triangle	1/1