






Apr.1.2022 Copyright 2022 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
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  -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	 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
 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		
	SPECIFICATION SHEET		PART NO.	MS-190-HRMJ-F6	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0358-0007-0-00	 1/1