

May.1.2020 Copyright 2020 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	POWER	4 W	CHARACTERISTIC IMPEDANCE	50 Ω	
	OPERATING TEMPERATURE RANGE	-40°C TO +85 °C	STORAGE TEMPERATURE RANGE	-40°C TO +85 °C NO CONDENSATION	
	FREQUENCY RANGE	DC TO 6 GHz	APPLICABLE CABLE	1.5D-HQEW	
	OPERATING HUMIDITY RANGE	TO 90 %	CONNECTOR	HRM-J,MS-162-C(LP)-1	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	×	×
ELECTRIC CHARACTERISTICS					
V.S.W.R.	FREQUENCY DC TO 3 GHz.		1.4 MAX.	×	—
	FREQUENCY 3 TO 6 GHz.		1.8 MAX.		
CONTACT RESISTANCE	VALUE AT MAXIMUM OF DC 100mA .		CENTER 180 mΩ MAX. OUTER 150 mΩ MAX.	×	×
INSULATION RESISTANCE	VALUE AT DC 100V.		1000 MΩ MIN.	×	—
VOLTAGE PROOF	MUST KEEP THE AC 100 V FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	×	×
MECHANICAL CHARACTERISTICS					
DURABILITY	12000 TIMES INSERTION AND EXTRACTIONS SHALL BE DONE.		①CONTACT RESISTANCE: CENTER 180 mΩ MAX OUTER 150 mΩ MAX ②NO DAMAGE, CRACK, AND LOOSENESS OF PARTS.	×	—
CABLE TERMINATION STRENGTH	TENSILE FORSE AT MAXIMUM 49 N IS APPLIED TO THE CABLE AXIALLY.		① CABLE MUST NOT BE LOOSEN OR BROKEN. ② NO DAMAGE AT THE CLAMP.	×	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK Lead-Free Solder(Sn3.0Ag0.5Cu) is used. Unless otherwise specified, refer to JIS C 5402.			APPROVED	KJ. KAWAMURA	07. 06. 29
			CHECKED	RZ. KANO	07. 06. 29
			DESIGNED	YH. MATSUO	07. 06. 29
			DRAWN	YH. MATSUO	07. 06. 29
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-180704-00
HRS	SPECIFICATION SHEET		PART NO.	MS162L1-HRMJ-15W350	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL362-0130-7-00	△ 1/1