






APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40 °C to +85°C(90%RH MAX)		STORAGE TEMPERATURE RANGE	-40°C to +85°C(90%RH MAX)		
	POWER	— w		CHARACTERISTIC IMPEDANCE	— Ω ( — to — GHz)		
	PECULIARITY	—		APPLICABLE CONNECTOR	 MRF14-CON(*)		
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		x	x
MARKING		CONFIRMED VISUALLY.				x	x
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE		mA MAX (DC OR 1000 Hz).		CENTER CONTACT	mΩ MAX.	—	—
				OUTER CONTACT	mΩ MAX.	—	—
INSULATION RESISTANCE		V DC.		MΩ MIN.		—	—
VOLTAGE PROOF		V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.		—	—
VOLTAGE STANDING WAVE RATIO		FREQUENCY to GHz FREQUENCY to GHz		VSWR MAX.		—	—
INSERTION LOSS		FREQUENCY to GHz		dB MAX.		—	—
MECHANICAL CHARACTERISTICS							
CONTACT INSERTION AND EXTRACTION FORCES		MEASURED BY WIDTH STEEL GAUGE		INSERTION FORCE	N MAX.	—	—
				EXTRACTION FARCE	N MIN	—	—
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE	N MAX.	—	—
				EXTRACTION FARCE	N MIN.	—	—
MECHANICAL OPERATION		TIMES INSERTIONS AND EXTRACTIONS		1) CONTACT RESISTANCE: CENTER CONTACT mΩMAX. OUTER CONTACT mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
VIBRATION		FREQUENCY to Hz SINGLE AMPLITUDE mm, m/s <sup>2</sup> AT CYCLES FOR DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
SHOCK		m/s <sup>2</sup> DIRECTIONS OF PULSE ms AT TIMES FOR DIRECTIONS.				—	—
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)		APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.		1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.		—	—
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT		EXPOSED AT +40 °C 、 95% TOTAL ( 96 H)		1) INSULATION RESISTANCE: — MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: — MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 20 to 35→ +85→ 20 to 35 °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	—
CORROSION SALT MIST		EXPOSED IN % SALT WATER SPRAY FOR h.		NO HEAVY CORROSION.		—	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
REMARK				APPROVED	MH. YAMANE	12. 09. 05	
Note:  The mark[ * ] in the MRF14-CON( * ) indicates the connector type.				CHECKED	MH. TSUCHIDA	12. 09. 04	
				DESIGNED	TS. KANEKO	12. 09. 04	
Unless otherwise specified, refer to JIS C 5402.				DRAWN	YY. KOBAYASHI	12. 09. 04	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-333791-00	
		SPECIFICATION SHEET		PART NO.		MRF14-CON (M) -14M	
		HIROSE ELECTRIC CO., LTD.		CODE NO.		CL313-0706-0-00	 1/1