

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C		STORAGE TEMPERATURE RANGE	-30°C TO +70°C		
	POWER	2 W		CHARACTERISTIC IMPEDANCE	50 Ω		
	FREQUENCY RANGE	0.045 TO 8 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.		x	x
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT	100 mΩ MAX.	x	x
※1				OUTER CONTACT	100 mΩ MAX.		
INSULATION RESISTANCE		100 V DC.		1000 MΩ MIN.		x	—
VOLTAGE PROOF		100 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		x	x
V.S.W.R.		FREQUENCY DC TO 3.0 GHz		1.3 MAX		x	—
※1		FREQUENCY 3.0 TO 8.0 GHz		1.4 MAX			
INSERTION LOSS		FREQUENCY DC TO 3.0 GHz		0.4 dB MAX.		x	—
※1		FREQUENCY 3.0 TO 6.0 GHz		0.6 dB MAX.			
		FREQUENCY 6.0 TO 8.0 GHz		0.8 dB MAX.			
ISOLATION		FREQUENCY TO GHz		dB MIN.		—	—
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		10000 TIMES INSERTIONS AND EXTRACTIONS.		1) ACORDING TO THE V.S.W.R. AND THE INSERTION LOSS SPEC. ABOVE. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	—
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm OR 98 m/s ² 1 octave/min , 10 CYCLES FOR EACH 3 DIRECTIONS.		1) CONTACT RESISTANCE ※1 CENTER :100mΩ MAX. OUTER :100mΩ MAX.		x	—
SHOCK		ACCELERATION : 490 m/s ² DURATION : 11 ms , HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH		2) ACCORDING TO THE VOLTAGE PROOF SPEC. ABOVE. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	—
				RoHS COMPLIANT			
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
Q							
REMARK				APPROVED	MH. YAMANE	11. 12. 08	
※1. This specification includes MS-180				CHECKED	NK. NINOMIYA	11. 12. 08	
				DESIGNED	TS. NAKAGAWA	11. 12. 06	
				DRAWN	TS. NAKAGAWA	11. 12. 06	
Unless otherwise specified, refer to IEC-60512.							
Note QT:Qualification Test AT:Assurance Test x :Applicable Test				DRAWING NO.		ELC4-342466-00	
		SPECIFICATION SHEET		PART NO.	MS-180-HRMJ-3		
HIROSE ELECTRIC CO., LTD.				CODE NO.	CL358-0318-1-00	△	1/1