

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.	× ×
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).	CENTER CONTACT	100 mΩ MAX.	×	×
※1		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.	FREQUENCY DC TO 3.0 GHz	1.3 MAX		×	—
※1	FREQUENCY 3.0 TO 8.0 GHz	1.4 MAX			
INSERTION LOSS	FREQUENCY DC TO 3.0 GHz	0.4 dB MAX.		×	—
	※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) ACCORDING TO THE V.S.W.R. AND THE INSERTION LOSS SPEC. ABOVE. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		×	—
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.		×	—
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.		×	—
		RoHS COMPLIANT			
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
0					
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 ×: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

