

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		DC TO 6000 MHz		OPERATING HUMIDITY RANGE		TO 90% (NO CONDENSATION)		
	PECULIARITY		—		APPLICABLE CABLE		—		
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			×	×
MARKING		CONFIRMED VISUALLY.							
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		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.		FREQUENCY DC TO 2.5 GHz			1.2 MAX			×	—
※1		FREQUENCY 2.5 TO 6.0 GHz			1.3 MAX				
INSERTION LOSS		FREQUENCY DC TO 2.5 GHz			0.10dB MAX.			×	—
※1		FREQUENCY 2.5 TO 6.0 GHz			0.15dB MAX.				
ISOLATION		FREQUENCY DC TO 2.0 GHz			20 dB MIN.			×	—
※2		FREQUENCY 2.0 TO 4.0 GHz			15 dB MIN.				
		FREQUENCY 4.0 TO 6.0 GHz			13 dB MIN.				
MECHANICAL CHARACTERISTICS									
MECHANICAL OPERATION		100 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX. 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) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX.			×	—
SHOCK		ACCELERATION : 490 m/s ² DURATION : 11 ms , HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH			3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
	COUNT	DESCRIPTION OF REVISIONS			DESIGNED		CHECKED		DATE
△	1	DIS-J-000857			DS. YAMAKOSHI		RZ. KANO		08. 04. 18
REMARK					APPROVED		KJ. KAWAMURA		08. 03. 10
※1. This spec is only for receptacle . Refer to the spec sheet of each plug regarding the mated condition.					CHECKED		TY. OZAKI		08. 03. 10
2. This spec is adapted for any plug.					DESIGNED		DS. YAMAKOSHI		08. 03. 07
Unless otherwise specified, refer to IEC-60512.					DRAWN		DS. YAMAKOSHI		08. 03. 07
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test					DRAWING NO.		ELC4-180639-05		
HRS		SPECIFICATION SHEET			PART NO.		MS-156HF (22)		
		HIROSE ELECTRIC CO., LTD.			CODE NO.		CL358-0238-4-22		△ 1/2

SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5-35 → +85 → 5-35 °C TIME 30 → 2-3 → 30 → 2-3 min. UNDER 100 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.	1) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
DRY HEAT	EXPOSED AT +85°C, 96h.	1) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
COLD	EXPOSED AT -55°C, 96h.	1) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
DAMP HEAT (STEADY STATE)	EXPOSED AT +40°C, 90~95%, 96h. THEN LEAVE IT FOR ONE HOUR OR TWO IN THE AMBIENT TEMPERATURE AND HUMIDITY.	1) CONTACT RESISTANCE CENTER CONTACT: 100mΩMAX. OUTER CONTACT: 100mΩMAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
RESISTANCE TO SOLDER HEAT 	SOLDER TEMPERATURE 240°C FOR IMMERSION DURATION 10 sec .	1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
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	SPECIFICATION SHEET		PART NO.	MS-156HF (22)	
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