

Applicable standard					
Rating	Operating temperature range	-40 °C to +85 °C (95 %RH Max.)	Storage temperature range	-40 °C to +85 °C (95 %RH Max.)	
	Power	-- W	Characteristic impedance	50 Ω (0 to Δ 12 GHz)	
	Peculiarity	----	Applicable cable	----	
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
ELECTRICAL CHARACTERISTICS					
Contact resistance	10 mA Max.(DC or 1000 Hz)		Center contact 20 mΩ Max.	X	X
			Outer contact 10 mΩ Max.	X	X
Insulation resistance	100 V DC.		500 MΩ Min.	X	X
Withstanding voltage	250 V AC for 1 min. current leakage 2 mA Max.		No flashover or breakdown.	X	X
Voltage standing wave ratio	Frequency 0 to Δ 12 GHz.		VSWR 1.25 Max.	X	—
Insertion loss	Frequency - to - GHz.		--- dB Max.	—	—
MECHANICAL CHARACTERISTICS					
Contact insertion and extraction forces	--- by steel gauge.		Insertion force --- N Max.	—	—
			Extraction force --- N Min.	—	—
Insertion and extraction forces	Measured by applicable connector.		Insertion force --- N Max.	—	—
			Extraction force --- N Min.	—	—
Mechanical operation	500 times insertion and extractions.		1)Contact resistance: Center contact 25 mΩ Max. Outer contact 15 mΩ Max. 2)No damage, crack and looseness of parts.	X	—
Vibration	Frequency --- to --- Hz single amplitude --- mm, --- m/s ² at --- hours for --- directions.		1)No electrical discontinuity of 1 μs. 2)No damage, crack and looseness of parts.	—	—
Shock	--- m/s ² directions of pulse --- ms at --- times for --- directions.			—	—
Cable clamp strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of --- mm/min. and record the strength at which the cable or connector breaks.		- N Min.	—	—
ENVIRONMENTAL CHARACTERISTICS					
Damp heat	Exposed at +25 to +65 °C, 80 to 96 % total 10 cycles.(240 h)		1)Insulation resistance: 10 MΩ Min. (at high humidity) 2) Insulation resistance: 500 MΩ Min. (at dry) 3)No damage, crack and looseness of parts.	X	—
Rapid change of temperature	Temperature -40 → 5-35 → +85 → 5-35 °C Time 30 → 3 → 30 → 3 min. Under 5 cycles.		No damage, crack and looseness of parts.	X	—
Corrosion salt mist	Exposed in 5 % salt water spray for 48 h.		No heavy corrosion.	X	—
	Count	Description of revisions	Designed	Checked	Date
Δ	2	DIS-D-00002122	NK.NINOMIYA	KH.IKEDA	17.05.30
Remark RoHS COMPLIANT Unless otherwise specified, refer to IEC 60512.			Approved	MH.YAMANE	09.02.18
			Checked	NK.NINOMIYA	09.02.17
			Designed	TM.YOSHIDA	09.02.17
			Drawn	TM.YOSHIDA	09.02.17
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC4-305238-00	
HRS	SPECIFICATION SHEET		Part No.	HRMP-W.FL2J	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL311-0394-6-00	Δ 1/1