


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 8 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.			-	-
ELECTRICAL CHARACTERISTICS						
Contact resistance		- mA Max. (DC or 1000 Hz)		Center contact - mΩ Max.	-	-
				Outer contact - mΩ Max.	-	-
Insulation resistance		250 V DC.		500 MΩ Min.	X	X
Withstanding voltage		300 V AC for 60 sec current leakage 2 mA Max.		No breakdown.	X	X
Voltage standing wave ratio		Frequency 0 to 6 GHz.		VSWR 1.2 Max.	X	-
		Frequency 6 to 8 GHz.		VSWR 1.3 Max.		
Insertion loss		Frequency - to - GHz.		- dB Max.	-	-
MECHANICAL CHARACTERISTICS						
Contact insertion and extraction forces		φ 0.9017 ⁰ _{-0.0025} by steel gauge.(HRM side)		Insertion force - N Max.	-	-
				Extraction force 0.3 N Min.	X	X
Insertion and extraction forces		Measured by applicable connector.		Insertion force - N Max.	-	-
				Extraction force - N Min.	-	-
Mechanical operation		1000 times insertion and extractions. (HRM side) 10000 times insertion and extractions. (U.FL side)		1)No damage, crack and looseness of parts.	X	-
Vibration		Frequency - to - Hz single amplitude - mm, - m/s ² at - cycles 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 - to - °C, - to - % total - cycles. (- h)		1)Insulation resistance: - MΩ Min. (at high humidity) 2) Insulation resistance: - MΩ Min. (at dry) 3)No damage, crack and looseness of parts.	-	-
Rapid change of temperature		Temperature - → - → - → - °C Time - → - → - → - min Under - cycles.		No damage, crack and looseness of parts.	-	-
Corrosion salt mist		Exposed in 5 % salt water spray for 48 h.		VSWR 1.2 Max. (Frequency 0 to 6 GHz.) VSWR 1.3 Max. (Frequency 6 to 8 GHz.)	X	-
Count		Description of revisions		Designed	Checked	Date
0						
Remark				Approved	NK.NINOMIYA	20240118
				Checked	NK.NINOMIYA	20240118
				Designed	MK.INOUE	20240117
				Drawn	MK.INOUE	20240117
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.		ELC-304749-40-00		
		SPECIFICATION SHEET		Part No. HRMJ-U.FLP-ST2(40)		
		HIROSE ELECTRIC CO., LTD.		Code No.		CL0311-0391-8-40