




Applicable standard		MIL-STD-348B				
Rating	Operating temperature range	-55 °C to +105 °C (95 %RH Max.)	Storage temperature range	-55 °C to +85 °C (95 %RH Max.)		
	Power	-- W	Characteristic impedance	50 Ω(0 to 50 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		100 mA Max.(DC or 1000 Hz)		Center contact 4 mΩ Max.	X	X
				Outer contact 2 mΩ Max.	X	X
Insulation resistance		100 V DC.		1000 MΩ Min.	X	X
Withstanding voltage		200 V AC for 1 min. current leakage 2 mA Max.		No flashover or breakdown.	X	X
Voltage standing		Frequency 0 to 30 GHz.		VSWR 1.4 Max.	X	X
wave ratio 		Frequency 30 to 50 GHz.		VSWR 1.6 Max.		
Insertion loss		Frequency - to - GHz.		--- dB Max.	-	-
MECHANICAL CHARACTERISTICS						
Contact insertion and extraction forces		φ 0.495 ⁰ _{-0.005} by steel gauge.		Insertion force --- N Max.	-	-
				Extraction force 0.2 to 2 N.	X	-
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 6 mΩ Max. Outer contact 4 mΩ Max.	X	-
				2)No damage, crack and looseness of parts.		
Vibration		Frequency 10 to 2000 Hz single amplitude 0.75 mm, 196 m/s ² at 10 cycles for 3 directions.		1)No electrical discontinuity of 1 μs.	X	-
Shock		1960 m/s ² directions of pulse 6 ms at 3 times for 3 directions.		2)No damage, crack and looseness of parts.		
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 -10 to +65 °C, 90 to 98 % total 10 cycles.(240 h)		1)Insulation resistance: 100 MΩ Min. (at high humidity) 2) Insulation resistance: 1000 MΩ Min. (at dry) 3)No damage, crack and looseness of parts.	X	-
Rapid change of temperature		Temperature -55 → - → +105 → - °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.		VSWR 1.4 Max.(0 to 30GHz) VSWR 1.6 Max.(30 to 50GHz)	X	-
Count	Description of revisions		Designed	Checked	Date	
0						
Remark				Approved	NK.NINOMIYA	20201009
Note  VSWR is evaluated by de-embedded PCB trace.				Checked	NK.NINOMIYA	20201009
				Designed	AH.MARUYAMA	20201009
Unless otherwise specified, refer to IEC 60512.				Drawn	MS.MATSUMOTO	20201009
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.	ELC-381821-00-00		
 SPECIFICATION SHEET			Part No.		H2.4-LR-EL	
			Code No.		CL338-0012-0-00	0