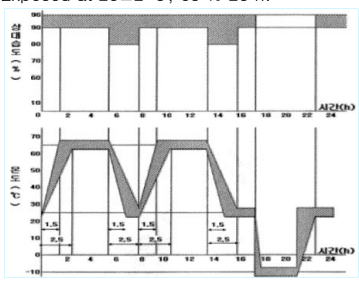


	Count	Description of revisions	By	Chkd	Date		Count	Description of revisions	By	Chkd	Date
△						△					
△						△					
Applicable standard											
Rating	Operating temperature range	-40℃ ~ +105℃				Storage temperature range	-10℃ ~ +50℃(Packed Condition)				
	Power	---W				Characteristic impedance	50Ω (0 to 6GHz)				
	Peculiarity	---				Applicable cable	Ø 3.0 (Coaxial cable)				
SPECIFICATIONS											
ITEM		TEST METHOD				REQUIREMENTS				QT	AT
CONSTRUCTION											
General examination		Visually and by measuring instrument.				According to drawing.				O	O
Marking		Confirmed visually.								O	O
ELECTRICAL CHARACTERISTICS											
Contact resistance		Mate applicable connector and apply a current of 1 mA AC(Or 1,000Hz).				Center contact : 30 mΩ Max. Outer contact : 30 mΩ Max. (Except for resistance of cable.)				O	-
Insulation resistance		Mate applicable connector and apply a voltage of DC 500 V.				100 MΩ Min.				O	-
Voltage proof		Mate applicable and apply a voltage of AC 500 V for 1 min.				No flashover or breakdown.				O	-
Voltage standing wave ratio		Frequency 0 to 6GHz.				VSWR 1.5 Max.				O	-
MECHANICAL CHARACTERISTICS											
Mechanical operation		30 times insertions and extractions.				① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable.) ② No damage, crack and looseness of parts.				O	-
Shock		980 m/s ² direction of pulse 6ms at 10 times in 3 directions.				① No electrical discontinuity of 1μs. ② Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ③ No damage, crack and looseness of parts.				O	-
ENVIRONMENTAL CHARACTERISTICS											
Rapid change of temperature (NOTE 1)		Temperature : -40±2 → 15~35 → +105±2 → 15~35 ℃ Time : 30 → 5 → 30 → 5 min Under 200 cycles.				① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable)				O	-
Damp heat, cycle (NOTE 1)		Exposed at 25±2 ℃, 65 % 25 h.  Under 10 cycles.				② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.				O	-
Remarks conditions for testing					Drawn	Designed	Checked	Approved	Released		
					G.S CHOI	G.S CHOI	D.G KIM	H.S KIM	ENG 20.05.29 DEPT		
					20.05.29	20.05.29	20.05.29	20.05.29			
Note QT: Qualification test AT: Assurance test O: Applicable test											
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET				Part No. POK19-LP-1.5D PLUG(800)				
Code No.(OLD) CL		Drawing No. ELC4-633117			Code No. CL 6341-0020-8-800				1/2		

Dry heat (NOTE 1)	Exposed at 105±2 °C, 300 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	—
Damp and humidity heat (NOTE 1)	Exposed at 85±2 °C, 85%, 500 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ② No damage, crack or looseness of parts. ③ No evidence of corrosion which affects to operation of connector. ④ Insulation resistance : 10 MΩ Min.	O	—
Corrosion salt spray (NOTE 1)	Exposed at 35±2 °C, 5±1 % salt water spray for 48 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ② No damage, crack or looseness of parts.	O	—
Sulfur dioxide test (NOTE 1)	Exposed in 10 PPM, 40±2 °C, 90~95 % FOR 24 h.	③ No evidence of corrosion which affects to operation of connector.	O	—
Dust resistance (NOTE 1)	1) Kind of dust : JIS R5210 cement of portland, 1.5 Kg. 2) 10 seconds every 15 minutes, 1h progressing.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	—

COMBINE VIBRATION CHARACTERISTICS

Combine vibration test (NOTE 1)	Exposed at 85±2°C, 90~95 %, 120 cycles (45 min : 0n, 15 min : Off) Vibration acceleration 4.4 g (43.12 m/s ²). Frequency 20 ~ 200 Hz at 40 h, in 3 directions.	① No electrical discontinuity of 1 μs. ② Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. (Except for resistance of cable) ③ No damage, crack and looseness of parts.	O	—
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(NOTE 1) 10 times insertions and extractions the pre-test / exposed 24h.
Exposed 2h after the test.

Note QT: Qualification test AT: Assurance test O: Applicable test				
HIROSE KOREA CO.,LTD.		SPECIFICATION SHEET		Part No. POK19-LP-1.5D PLUG(800)
Code No.(OLD) CL	Drawing No. ELC4-633117	Code No.	CL 6341-0020-8-800	2/2