	Count	Description of revisions	By	Chkd	Date		Count	Description of revisions	By	Chkd	Date
△						△					
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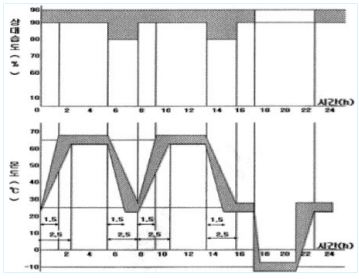
Applicable standard

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) ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	−
Damp heat, cycle *(NOTE 1)*	Exposed at 25±2 ℃, 65 % 25 h.  Under 10 cycles.		O	−

Remarks conditions for testing	Drawn	Designed	Checked	Approved	Released
	G.S CHOI 20.05.29	G.S CHOI 20.05.29	D.G KIM 20.05.29	H.S KIM 20.05.29	ENG 20.05.29 DEPT

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)	Drawing No.	Code No.	
CL	ELC4-633117	CL 6341-0020-8-800	1/2

Dry heat *(NOTE 1)*	Exposed at 105±2 ℃, 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 ℃, 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 ℃, 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. ③ No evidence of corrosion which affects to operation of connector.	O	–
Sulfur dioxide test *(NOTE 1)*	Exposed in 10 PPM, 40±2 ℃, 90~95 % FOR 24 h.		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℃, 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 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	–

(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