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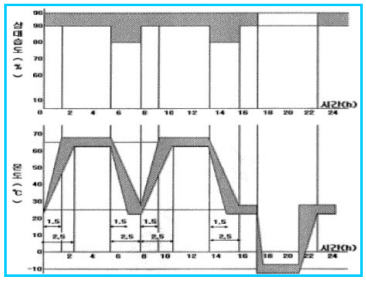
	Count	Description of revisions	By	Chkd	Date		Count	Description of revisions	By	Chkd	Date
△						△					
△						△					

Applicable standard

Rating	Operating temperature range	−40℃ ~ + 105℃	Storage temperature range	−10℃ ~ +50℃(Packed Condition)
	Power	---W	Characteristic impedance	50Ω (0 to 3GHz)
	Peculiarity	---	Applicable cable	–

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General examination	Visually and by measufing 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.	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 3GHz.	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. 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. 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.	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
Unless otherwise specified, refer to JIS C 5402.	H.G.PARK 20.05.26	H.G.PARK 20.05.26	D.G.KIM 20.05.26	H.S.KIM 20.05.26	ENG 20.05.26 DEP

Note QT: Qualification test AT: Assurance test O: Applicable test

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	Part No. POK16-PR-PC(895)	
Code No.(OLD) CL	Drawing No. ELC4-633063	Code No. CL 6341-0017-3-895	1/2

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Dry heat *(NOTE 1)*	Exposed at 105±2 ℃, 300 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. 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. 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. 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. ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	–
Resistance to soldering heat	Reflow soldering : Peak temp : 260 ℃ Max for 30 s Min. Reflow temp : 180 ℃ for 60~120 s. 3 cycle.	① No deformation of case of excessive looseness of the terminals. ② No damage of electrical performance coating of solder.	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. 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. POK16-PR-PC(895)	
Code No.(OLD) CL	Drawing No. ELC4-633063	Code No. CL 6341-0017-3-895	2/2