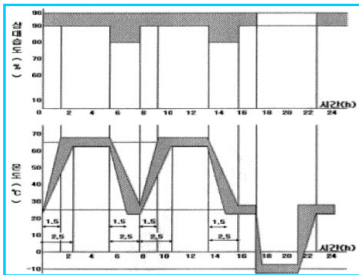



| | Count | Description of revisions | By | Chkd | Date | | Count | Description of revisions | By | Chkd | Date |
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| △ | | | | | | △ | | | | | |
| Applicable standard | | | | | | | | | | | |
| Rating | Operating temperature range | | -40℃ ~ +105℃ | | | Storage temperature range | | -10℃ ~ +50℃(Packed Condition) | | | |
| | Power | | ---W | | | Characteristic impedance | | 50Ω (0 to 3GHz) | | | |
| | Peculiarity | | --- | | | Applicable 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. | | | 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 | | |
| | | | | | H.G.PARK | H.G.PARK | D.G.KIM | H.S.KIM |  | | |
| Unless otherwise specified, refer to JIS C 5402. | | | | | 20.05.26 | 20.05.26 | 20.05.26 | 20.05.26 | | | |
| Note QT: Qualification test AT: Assurance test O: Applicable test | | | | | | | | | | | |
| HIROSE KOREA CO.,LTD. | | | SPECIFICATION SHEET | | | | Part No. POK16-R-PC(895) | | | | |
| Code No.(OLD) CL | | Drawing No. ELC4-633061 | | | Code No. CL 6341-0016-0-895 | | | 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. 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. 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. 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 °C, 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 °C Max for 30 s Min. Reflow temp : 180 °C 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°C, 90~95 %, 120 cycles (45 min : On, 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. 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-R-PC(895) |
| Code No.(OLD) CL | Drawing No. ELC4-633061 | Code No. CL 6341-0016-0-895 | 2/2 | |