

PCI Card Edge Connector - THT -

1.27mm pitch



120 pin

Technical drawings for the 120 pin connector. The top view shows a total length of 85.00 mm, with a 15.25 mm offset and a 63.55 mm main length. The pitch is 1.27 mm. The side view shows a height of 8.00 mm and a contact height of 2.54 mm. The PCB hole layout shows 120 holes with a diameter of 1.02 mm, spaced at 1.27 mm. Two mounting holes are shown with a diameter of 2.45 mm. The order code is **ECC-120-P050-95**.

PCI 32bit Order Code: **ECC-120-P050-95**



184 pin

Technical drawings for the 184 pin connector. The top view shows a total length of 128.02 mm, with segments of 14.99 mm, 63.25 mm, and 41.81 mm. The pitch is 1.27 mm. The side view shows a height of 8.89 mm and a contact height of 2.54 mm. The PCB hole layout shows 184 holes with a diameter of 1.02 mm, spaced at 1.27 mm. Two mounting holes are shown with a diameter of 2.44 mm. The order code is **ECC-184-P053-95**.

PCI 64bit 3.3V Order Code: **ECC-184-P053-95**

184 pin

Technical drawings for the 184 pin connector. The top view shows a total length of 128.02 mm, with segments of 63.25 mm, 14.99 mm, and 41.81 mm. The pitch is 1.27 mm. The side view shows a height of 8.89 mm and a contact height of 2.54 mm. The PCB hole layout shows 184 holes with a diameter of 1.02 mm, spaced at 1.27 mm. Two mounting holes are shown with a diameter of 2.44 mm. The order code is **ECC-184-P055-95**.

PCI 64bit 5V Order Code: **ECC-184-P055-95**

Application and Features

- Hi-rel dual beam contact assures reliable PC Board connections.
- Accepts PCB thickness of 1.57mm ±0.18
- 1.27mm contact center pitch.

Recommended Mating Board Dimensions

Technical drawing of the mating board dimensions. It shows the contact pitch of 1.27 mm and the mounting hole diameter of 2.45 mm. The drawing also indicates a 60-degree angle for the contact and a 0.38 mm thickness for the mating board. The order code is **ECC-184-P055-95**.

Specifications

| | | | |
|-----------------------|-------------------|--------------------|-------------------------------|
| Current rating | 1 A | Contact material | Copper alloy (RoHS compliant) |
| Insulation resistance | 1000 MΩ min. | Plating | Contact area Au over Ni |
| Contact resistance | 30 mΩ max. | | Soldertail area Sn over Ni |
| Withstanding voltage | 500 V AC rms. | | (tin leadfree) |
| | 60Hz for 1 Minute | Insulator material | PA66 (white) UL 94 V-0 |
| Capacitance | 2pF max. | | (RoHS compliant) |
| Voltage rating | 250 V AC rms. | Insertion force | 2.26N max. per contact pair |
| Operating temperature | - 55°C to +105°C | Withdrawal force | 0.15N min. per contact pair |