



Smart Audio Jack Connectors

Description

FCI Smart Audio Jack Connectors support 192Khz / 32bit high definition audio technology with smart function that automatically detects audio devices (speaker, line-in, or headphone) while applying to any port on the connector.

The audio jack connectors provide high electrical performance and mechanical durability and are fully shielded to enable maximum audio signal integrity.

Features & Benefits

- Wide range of selections: 3-port, 5-port, and 6-port
- ATX and BTX types
- Through-hole
- Plug and play
- Hot plugging capability
- Broad industry support
- Standard feature in latest PC chipsets
- Simple and flexible design
- RoHS compatible

Target Markets

- PC Computing

Target Applications

- PC Motherboards

Technical Data

Materials

- Housing
 - Thermoplastic, UL94V-0
- Contact
 - Copper Alloy
- Shield
 - Copper Alloy



Mechanical Performance

- Mating / Unmating Force
 - 0.3-4KGF, Initial
- Durability
 - 1000+ cycles
- Operating Temperature
 - -25°C to 100°C

Electrical Performance

- Insulation / Material Resistance
 - 100M Ω minimum initial
- Dielectric Withstanding Voltage
 - 500 VAC
- Current Rating
 - 1Amp maximum per contact
- Contact Resistance
 - 50m Ω maximum initial

Specifications

- FCI Product Specification GS-12-160
- FCI Packaging Specification GS-14-951

Packaging

- Tray



Ordering Information

Part Numbers:

- 10043121 BTX 3-Port Smart Audio Jack Connector
- 10046540 BTX 5-Port Smart Audio Jack Connector
- 10043809 BTX 6-Port Smart Audio Jack Connector
- 10045249 ATX 3-Port Smart Audio Jack Connector
- 10045250 ATX 6-Port Smart Audio Jack Connector

