



3.5mm Miniature Jack Product Presentation

Commercial Portfolio



Agenda



- Value Proposition
- Product Overview
- Product Specifications
- Features & Benefits
- Part Numbers
- Markets & Applications
- Marcomm Collaterals

3.5mm Miniature Jack



Value Proposition

FCI's Miniature Jack connector is a product family typically used for **analog signals**, primarily audio. Has a **cylindrical design**, with **two, three or four contacts**.

FCI's 3.5mm Miniature Jack design in **SMT style** to **allow flexibility platform version**.

Are available in configurations from **two to five contacts** and the contacts are **solid and rigid** for **high mating cycles**.

This solution is commonly **used for composite video and audio output** in Consumer electronics devices such as digital cameras, camcorders, and portable DVD players.

3.5mm Miniature Jack

Product Overview



3.5mm Miniature Jack



Product Specifications

Product Facts

- Offers configurations 2 to 5 in various applications
- Designed in SMT style
- Solid and rigid contact design allows high mating cycles
- Available in UL94V-0 flammability
- Products are lead free to help promote a cleaner environment

Specifications

- Housing : High Temperature Thermoplastic, Black Color, UL94V-0
- Contact : Titanium Alloy with silver and Gold Flash plating

Performance Characteristics

- Current Rating : 1A per contact
- Voltage rating: 500VDC
- Contact Resistance : 50m Ω Max
- Insulation Resistance: 100M Ω Min
- Mating/Unmating force : 0.3~2.5kgf after 5,000 cycles life test.
- Durability : 5,000 cycles
- Operating temperature range : -10°C to +60°C

Technical Documents

- Product Spec. : GS-12-280
- Packaging Spec. : GS-14-903

3.5mm Miniature Jack



Features & Benefits

Features	Benefits
Offers two to five configuration	Flexible applications in various situations
Innovative design for robustness	Robust diecast keyed shell
Designed in SMT style	Flexible platform design feature 3.5mm versions
Solid and rigid contact design	Allows for 6,000 mating cycles
Available in UL94V-0 flammability	High Flammability rating
RoHS compliance and Lead-Free	Meet environmental health and safety requirements

3.5mm Miniature Jack

Main Markets & Applications



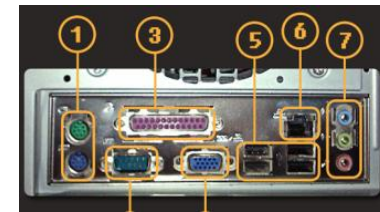
Consumer

- Smartphones
- LCD TV
- Morph Stereo Bluetooth Receiver
- Mini Speaker
- Mini Bluetooth Music receiver
- Tablet
- Digital cameras
- Camcorders
- Portable DVD players
- CCTV

Data

- Digital to analog audio converter
- Laptop
- HDMI to VGA audio Converter
- Desktop PC Cabinet

LCD TV





THANK YOU

