Modular Jack
Product Presentation

Basics Portfolio

FCi

Agenda

1. Value Proposition

2. Product Overview

3. Product Specifications

4. Features & Benefits

5. Markets & Applications

6. Marcomm Collaterals

Modular Jack

Value Proposition

The **wide range** of FCI Modular Jacks solution includes as a modular system **Horizontal or vertical** solution with **4, 6, 8 Positions.**

The **comprehensive** range includes **Right angle** or **Vertical** and **Through mount** or **surface mount** (SMT).

Thanks to his design the Modular Jack solution is **easy to be used** and **flexible** and with **low profile**.

The Modular Jacks solutions are available in Cat 3 and Cat 5 version.

Modular Jack

Product Overview

Modular Jack

Product Specifications

Product Facts

- Modular System: Horizontal or vertical with 4, 6, 8 Positions
- SMT
- Selective Loading and one piece design assures coplanarity of solder tails and hold down
- Stackable side by side
- Cat 3 design
- Cat 5 design

Specifications

Mating DIrection	Right Angle or Vertical
Speed	Cat.3 : up to 16MHz Cat 5 : up to 100MHz
Shielding	Whit or Whitout
Number of Ports	Single or Multi
Soldering	Through hole, SMT
Positions	4, 6, 8 , 10 fully or selectively loaded

Performance Characteristics

- Current rating   1.5A,
- Voltage rating   30V DC, 42V AC
- Resistance (Contact) 20 milli ohms max.
- Resistance (Insulation) 500 M-ohms min.
- Voltage rating   1000V rms
- Flammability rating   UL-94 V-0

Packaging

- Tape and Reel

Modular Jack

Features & Benefits

| Features	Benefits
Modular System: Horizontal or vertical with 4, 6, 8 Positions	Comprehensive range for all the needs
SMT	Useful for production need
Selective Loading and one piece design assures coplanarity of solder tails and hold down	Easy to use
Stackable side by side	Easy to install
Cat 3 design	Suitable for a wide variaty of low-speed networking applications
Cat 5 design	Suitable for High-Speed Gigabit Ethrnet applications
High Temperature raw material	Withstand reflow soldering process
Low Profile version	Accommodate low-profile panel cut-outs
RoHS compliance	Meet environmental, health and safety requirements

Modular Jack

Main Markets & Applications

Data & Communication

- Routers
- Office Equipments
- Laptop
- Servers
- POS (point of sale) equipment
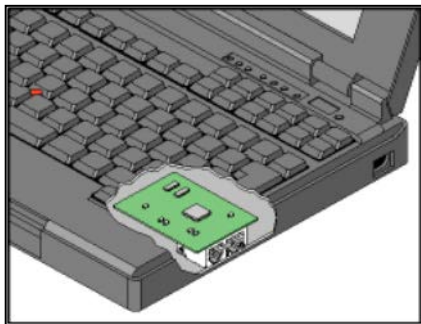
Modular Jack

Marcomm Collaterals

Available on FCI.com
- ■ Technical Data Sheets
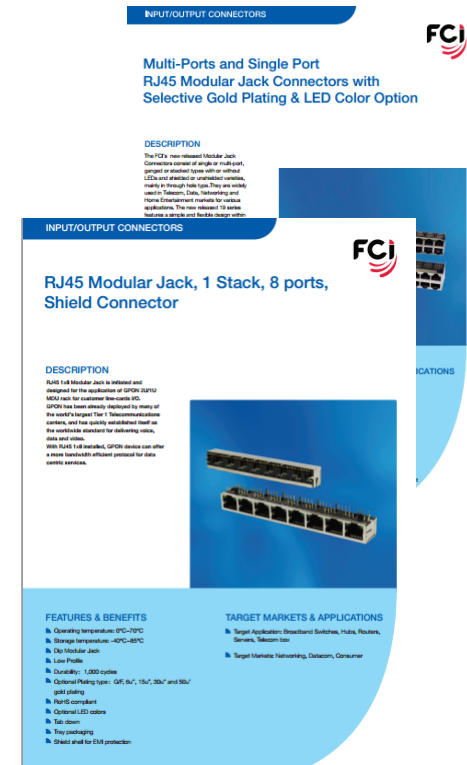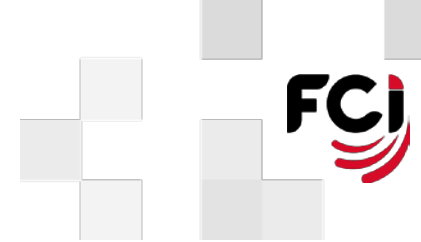
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Marcomm Collaterals

Available on FCI.com

- Product Specification

- Part Numbers & Drawings

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