



Modular Jack

Product Presentation

Basics Portfolio



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

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

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

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 variety of low-speed networking applications
Cat 5 design	Suitable for High-Speed Gigabit Ethernet 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

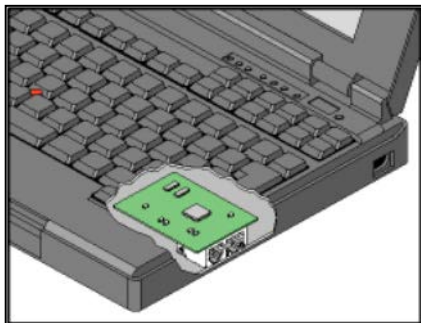
Modular Jack

Main Markets & Applications



Data & Communication

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

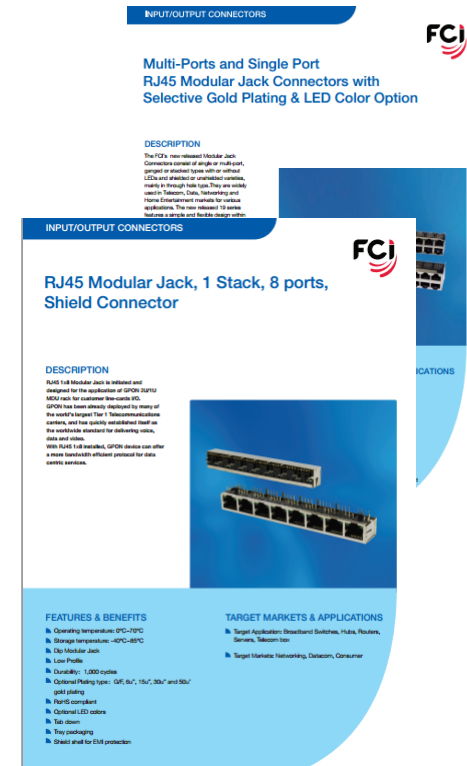


Modular Jack

Marcomm Collaterals

Available on FCI.com

- Technical Data Sheets



Modular Jack

Marcomm Collaterals



Available on FCI.com

- Product Specification

GS-12-459	Product Specification	1 of 8	Page A	05/010
RJ45 1x8 WITH LED, DIP TYPE		Wangy Chen	05/010	
GS-12-0990	PRODUCT SPECIFICATION	1 of 11	Page B	12/13/11
Cat 3 Ganged Multi-Ports Jack Assemblies		Andy Zhang	12/13/11	

1.0 OBJECTIVE

This specification defines the performance, test and reliability requirements of operating RJ45 series connector.

Ganged Multi-ports without LED (10118061, 10118062, 10118063, 10118064, 10118065)	
Ganged Multi-ports with LED (10118066, 10118067, 10118068)	
Stacked Multi-ports without LED (10118069, 10118070, 10118071, 10118072, 10118073, 10118074)	
Stacked Multi-ports with LED (10118075, 10118076, 10118077, 10118078)	

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 Part Number: 10118061
 Date: 05/010

- Part Numbers & Drawings

Filter by: Expand Start > Modular Jack, Multiple Port >

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Part Number	Image	Status	Product Name
10053565-912001LF		ACTIVE	Cat 3, Horizontal, Through Mount, 4 Positions, 2 Ports
10053565-912002LF		ACTIVE	Cat 3, Horizontal, Through Mount, 8 Positions, 2 Ports
10113816-01231LF		ACTIVE	Multi ports Ganged RJ45, right angle, Through Mount, shielded, 8 Positions, 8 Ports
10118003-500010LF		ACTIVE UNDER CONDITIONS	Multi-ports Ganged RJ45, right angle, Through Mount, shielded, 40 Positions, 1x6 Ports, w/o LED
10118064-5001010LF		ACTIVE UNDER CONDITIONS	Multi ports Ganged RJ45, right angle, Through Mount, shielded, 54 Positions, 1x8 Ports, w/o LED
10118066-5106010LF		ACTIVE UNDER CONDITIONS	Multi-ports Ganged RJ45, right angle, Through Mount, shielded, 24 Positions, 1x2 Ports, w/ LED
10118066-5236010LF		ACTIVE UNDER CONDITIONS	Multi-ports Ganged RJ45, right angle, Through Mount, shielded, 24 Positions, 1x2 Ports, w/ LED
10118067-1038210LF		ACTIVE UNDER CONDITIONS	Multi-ports Ganged RJ45, right angle, Through Mount, shielded, 48 Positions, 1x4 Ports, w/o LED



THANK YOU

