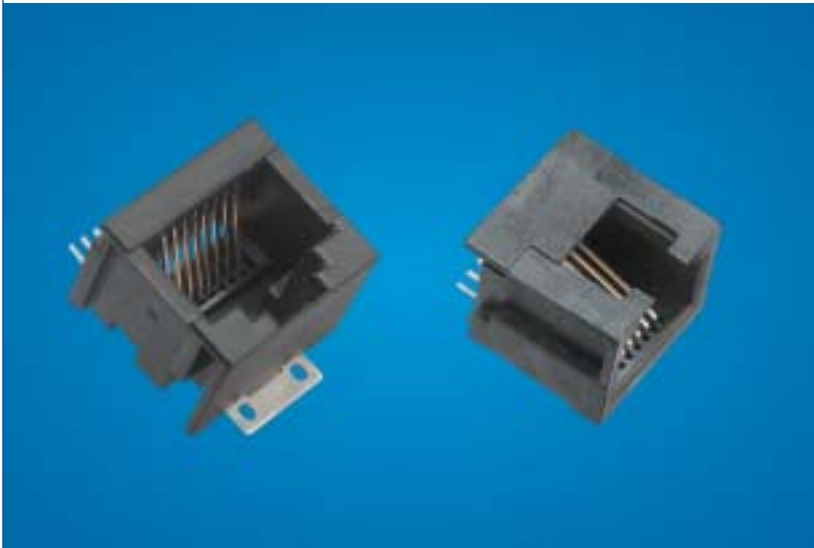


Vertical and Horizontal



Description

Introducing FCI's new series of Vertical and Horizontal SMT modular jacks specially designed to meet the market trend towards volume production and lower applied cost with surface mount products. These surface mount Modular Jacks mate with standard modular telephone plugs and are available in 4, 6 and 8 position housings.

Features

- Tape & reel packaging
- Real SMT (no pegs options)
- Small board-space
- Low height
- Standardized pick-and place methods
- Fully compatible with industry standards
- Low weight, advantage for placement speed and transportation
- One pipette nozzle compatible for both vertical and horizontal version all positions (Example of nozzle for pick and place machine SIPLACE: ref. Siemens 00330997-01)

Target Markets

- Telecom
- Datacom
- Consumer

Target Applications

- Telephone sets
- Cordless telephones
- Fax machines
- Modems
- ADSL applications
- Set top boxes

<http://www.fciconnect.com>

Americas Tel.: 800 237 2374
717 938 7200
Europe Tel.: 33 1 39 49 21 83
Asia/Pacific Tel.: 65 549 6666

Technical Features

Materials

- Housing: High temp. Nylon, color black
- Contact: Duplex plated, tin/lead solder tails in the surface mount area and FCC approved 0.76µm gold plating in the mating area, or alternatively 1.27µm of gold.

Specifications

- FCC rules, section 15, part 68
- UL-94
- ASTM B-103
- IEC 950

Packaging

- Tape & Reel

Part Numbers

Vertical (Top Entry)

Gold plated (0.76µM)

4/4 (4 position jack with 4 loaded pins)	98431-311 (Gold 0.76µM)
6/4 (6 position jack with 4 loaded pins)	98432-312 (Gold 0.76µM)
6/6 (6 position jack with 6 loaded pins)	98432-311 (Gold 0.76µM)
8/8 (8 position jack with 8 loaded pins)	98435-311 (Gold 0.76µM)
8/4 (8 position jack with 4 loaded pins)	98435-312 (Gold 0.76µM)

General rule for dash: xyz

X = 3 (Gold 0.76µM) or 5 (old 1.27µM)

Horizontal low profile (Right Angle):

(1) Position hold-downs far from soldertails

Gold plated (0.76µM) & hold-downs outside

4/4 (4 position jack with 4 loaded pins)	55305-311 (Gold 0.76µM)
6/4 (6 position jack with 4 loaded pins)	55308-312 (Gold 0.76µM)
6/6 (6 position jack with 6 loaded pins)	55308-311 (Gold 0.76µM)
8/8 (8 position jack with 8 loaded pins)	55311-311 (Gold 0.76µM)
8/4 (8 position jack with 4 loaded pins)	55311-312 (Gold 0.76µM)

Gold plated (0.76µM) & hold-downs inside

4/4 (4 position jack with 4 loaded pins)	55305-321 (Gold 0.76µM)
6/4 (6 position jack with 4 loaded pins)	55308-322 (Gold 0.76µM)
6/6 (6 position jack with 6 loaded pins)	55308-321 (Gold 0.76µM)
8/8 (8 position jack with 8 loaded pins)	55311-321 (Gold 0.76µM)
8/4 (8 position jack with 4 loaded pins)	55311-322 (Gold 0.76µM)

(2) Position hold-downs close to soldertails

Gold plated (0.76µM) & hold-downs outside

4/4 (4 position jack with 4 loaded pins)	55307-311 (Gold 0.76µM)
6/4 (6 position jack with 4 loaded pins)	55309-312 (Gold 0.76µM)
6/6 (6 position jack with 6 loaded pins)	55309-311 (Gold 0.76µM)
8/8 (8 position jack with 8 loaded pins)	55312-311 (Gold 0.76µM)
8/4 (8 position jack with 4 loaded pins)	55312-312 (Gold 0.76µM)

Gold plated (0.76µM) & hold-downs inside

4/4 (4 position jack with 4 loaded pins)	55307-321 (Gold 0.76µM)
6/4 (6 position jack with 4 loaded pins)	55309-322 (Gold 0.76µM)
6/6 (6 position jack with 6 loaded pins)	55309-321 (Gold 0.76µM)
8/8 (8 position jack with 8 loaded pins)	55312-321 (Gold 0.76µM)
8/4 (8 position jack with 4 loaded pins)	55312-322 (Gold 0.76µM)

General rule for dash: xyz

X = 3 (Gold 0.76µM) or 5 (old 1.27µM)

Y = 1 (hold-downs on the outside) or 2 (hold-downs on the inside)

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