

COMMUNICATIONS, DATA, CONSUMER DIVISION

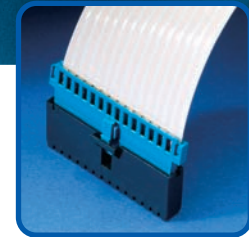
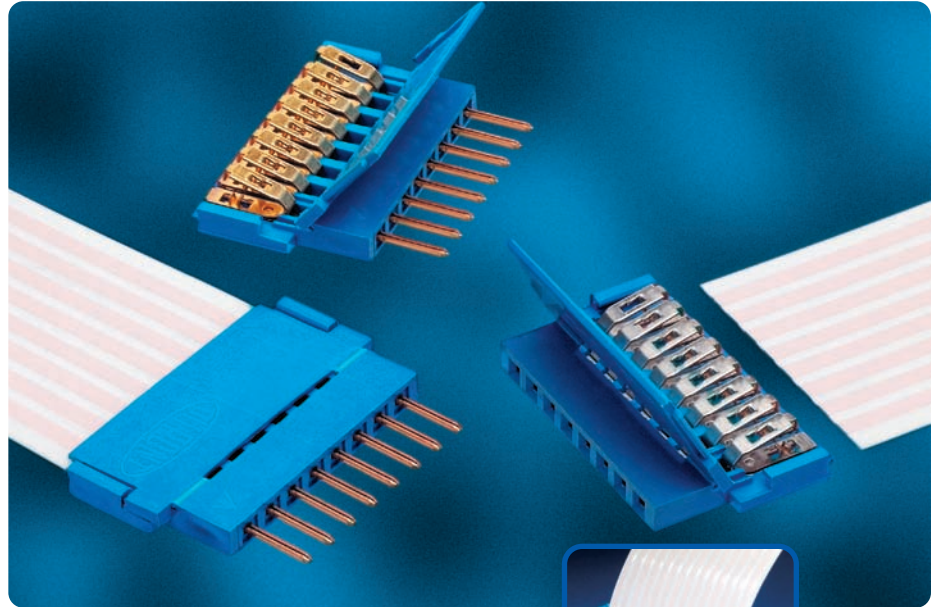
FFC/FPC and Clincher™

Connector Overview

Connectors for Flexible Circuit Applications

DESCRIPTION

■ The Clincher 0.1" (2.54mm) pitch connector family includes single-row pin and receptacle connectors designed for termination to flat flexible circuitry. FCI's proven Clincher design has become the standard by which other products are judged. The addition of keying and active latching options to the receptacle offering make Clincher products the smart choice for even more applications. All receptacle connectors use the same customer-preferred and patented Clincher contact and are ideal for applications where shock or vibration are concerns.



FEATURES

- "Clinch" cable termination provides four gas-tight, contamination-free contact points to each conductor
- Receptacle design features highly reliable Mini PV® dual-metal contacts
- Standard un-keyed receptacles available in 2 through 32 positions
- Keyed and latching receptacles available in 6 through 34 positions
- Gold/GXT or lead-free pure Tin plating options
- Mass termination to unprepared cable reduces assembly costs
- Mates with industry standard headers
- Lead-free, RoHS compliant products satisfy environmental regulations

TARGET MARKETS & APPLICATIONS

- Membrane Switches
- White Goods
- Industrial and Instrumentation
- Displays

PRODUCT NUMBERS

PART REFERENCES

Description

Base Part Number

Standard Un-keyed Receptacle

65801

Keyed Receptacle

10027313

Keyed Receptacle with Active Latch

10022753

Pin Connector

66226

FCI FLEXIBLE CIRCUIT CONNECTORS

DESCRIPTION

As an established leader in the design and manufacture of flexible circuit connectors, FCI offers the most complete product range in the market. By offering options for ZIF or LIF actuation, SMT or through-hole PCB termination, and vertical or right-angle flex insertion, FCI has a solution to fit almost any application. FCI is a technology leader with its gas tight high pressure and patented Clincher contact technology and has also pioneered the development of fine pitch and low profile connectors for applications where space is at a premium. By leveraging automated production processes and its global manufacturing footprint, FCI makes sure that the latest technology comes at a reasonable price.

For more information on FCI's complete offering of FFP/FPC connectors, please visit www.fciconnect.com/flex.

SFY SERIES



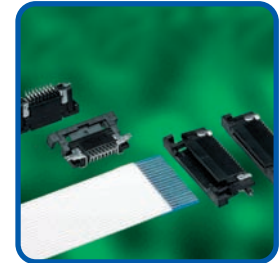
FEATURES

- ▀ 0.3mm pitch ZIF
- ▀ Right Angle Insertion
- ▀ Available in 27, 33, 39, 45, 51, 57, 67 positions
- ▀ Height 2.0mm

APPLICATIONS

- ▀ Mobile phone
- ▀ PDA
- ▀ DSC/DVC
- ▀ CD
- ▀ DVD Drive

SFV SERIES



FEATURES

- ▀ 0.5mm pitch ZIF
- ▀ Right Angle Insertion
- ▀ Available in 4-35 positions
- ▀ Height 1.8mm upside or downside contact options
- ▀ Cable lock version available

APPLICATIONS

- ▀ Mobile phone
- ▀ PDA
- ▀ DSC/DVC
- ▀ CD
- ▀ DVD Drive

SFV-S SERIES



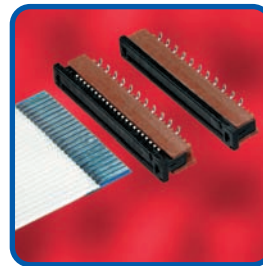
FEATURES

- ▀ 0.5mm pitch ZIF
- ▀ Vertical Insertion
- ▀ Available in 8, 12, 16, 20, 23, 24, 25, 26, 30, 33 positions
- ▀ Optional cable lock

APPLICATIONS

- ▀ Set top box
- ▀ Telematics
- ▀ CD
- ▀ DVD Drive

SFW SERIES



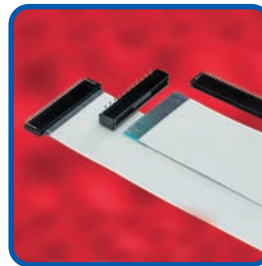
FEATURES

- ▀ 1.0mm pitch ZIF SMT
- ▀ Vertical or Right Angle Insertion
- ▀ Available in 4-30 positions
- ▀ Upside or Downside Contact Options (right angle version)
- ▀ Cable Lock Version

APPLICATIONS

- ▀ Set top box
- ▀ Telematics display
- ▀ Industrial
- ▀ Medical
- ▀ Instrumentation

HFW SERIES



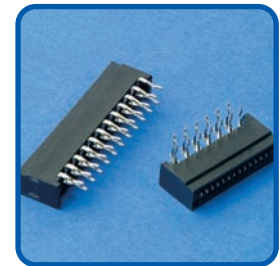
FEATURES

- ▀ 1.0mm pitch LIF SMT
- ▀ Vertical or Right Angle Insertion
- ▀ Available in 4-30 positions
- ▀ Upside or Downside Contact Options (right angle version)

APPLICATIONS

- ▀ Set top box
- ▀ Telematics display
- ▀ Industrial
- ▀ Medical
- ▀ Instrumentation

HLEM SERIES



FEATURES

- ▀ 1.25mm pitch LIF DIP
- ▀ Vertical or Right Angle Insertion
- ▀ Available in 3-40 positions

APPLICATIONS

- ▀ Set top box
- ▀ Industrial
- ▀ Medical
- ▀ Instrumentation

For more information on FCI sales offices,
headquarters, agents and local distributors,
visit www.fciconnect.com



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