
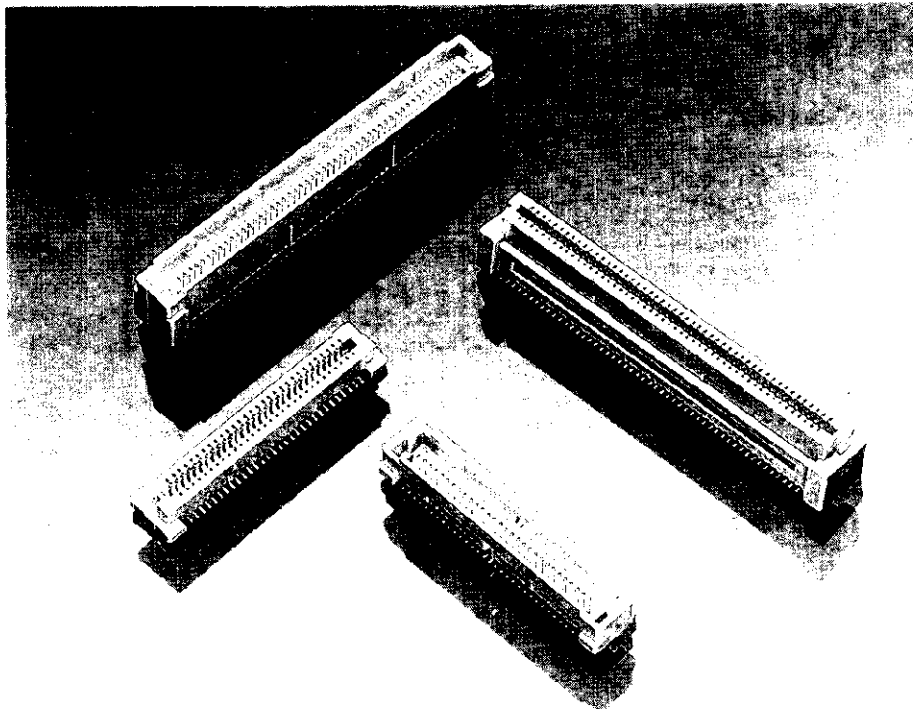


0.8mm Free Height (FH) Connectors

Photo 105881

Product Facts

- For parallel board stacking applications
- High density packaging on 0.8 [.031] centerline spacing
- Available sizes from 40 to 200 positions (in 20 position increments)
- Board stacking heights available from 5 [.197] to 16 [.630] (in 1 [.039] increments)
- Bellows type spring contacts are resistant to scooping and stubbing during mating and unmating
- Positioning bosses for proper on-board orientation
- Available packaged on "tape-and-reel" for automatic placement per EIA standards
- Recognized under the Component Program of Underwriter Laboratories Inc.,  File No. E28476



AMP 0.8mm FH surface-mount connectors are designed for parallel board stacking applications using miniature connectors to meet today's electronic industry requirements for high density packaging.

It is possible to save more than 50% of the required board space when compared to conventional 1.27 [.050] centerline connectors.

0.8mm FH connectors are ideally suited for application downsizing, such as notebook PCs, pen pads, cellular telephones and other electronic equipment requiring miniature connector packaging.

Vertical board-mount plugs and receptacles are available. By mating combinations of plug and receptacle housing heights, board-to-board stacking heights from 5 [.197] to 16 [.630] (in 1 [.039] increments) can be achieved.

The receptacles are preloaded with AMP's unique bellows-type spring contacts for reliable electrical connection with the plugs.

Surface-mount solder leads permit fast assembly operation.

Performance Characteristics

Voltage Rating: 100 VAC

Current Rating: 0.5 ampere

Contact Resistance: 30 milliohms max. (initial)

Dielectric Withstanding Voltage: 500 VAC (1 minute)

Operating Temperature: -40°C to +85°C (including terminal temperature rise)