

133-826 to 134-077

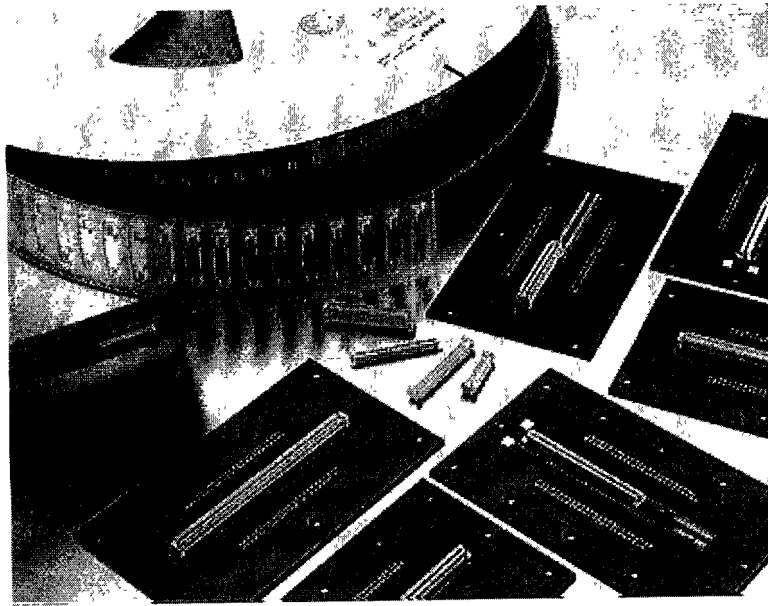
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	FAMILIES	REGISTRATION

AMP Connect

GENERAL INFORMATION

VIEW

AMP FH (Free Height) 0.8mm Surface-Mount Connectors (Board-to-Board)



Product Facts

- For 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
- Surface-mount holddown feature available upon request
- Produced under a Quality Management System certified to ISO 9001



A copy of the certificate is available upon request.

Description

AMP FH 0.8mm surface-mount connectors are designed for board stacking applications using subminiature 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.

FH 0.8mm connectors are ideally suited for application downsizing, such as PC's (Notebook, Pen Pad, etc.) cellular telephones and other electronic equipment requiring miniature connector packaging.

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

The receptacle assemblies are preloaded with AMP's unique bellows-type spring contacts for reliable electrical connection with the plug assemblies.

Surface-mount solder tines permit fast assembly operation.

Performance Characteristics

Voltage Rating:

100 VAC

Current Rating:

.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)

Technical Document

AMP Product Specification

108-5390

Need more information?

Call the AMP Product Information Center: **1-800-522-6752**.

The Product Information Center is staffed with specialists well versed in all AMP products. The Center can provide you with:

- Engineering Support
- Catalogs
- Technical Documents
- Product Samples
- AMP Authorized Distributor Locations
- AMP Fax Service ...24 Hours a Day

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- **Board-to-Board Stacking Heights 5-10 (By Plug/Receptacle Assembly Combinations)**