

Autodapter™

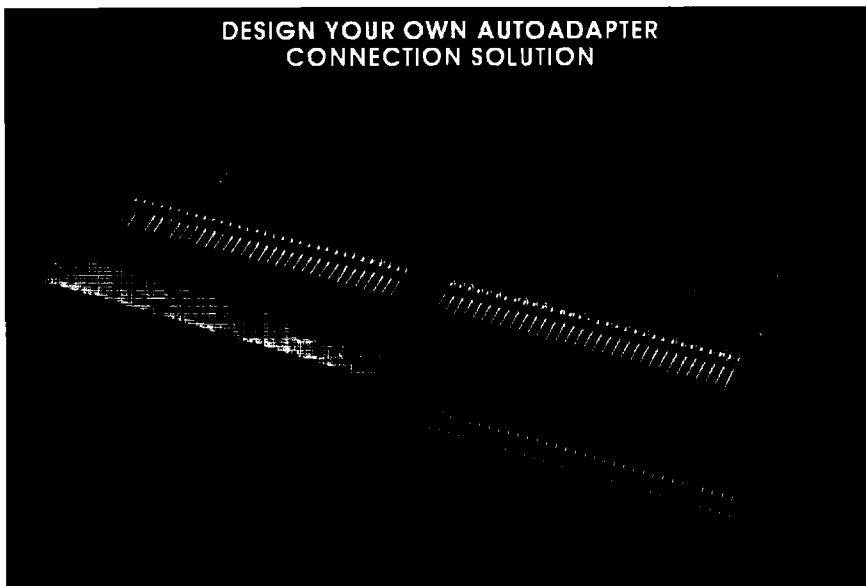
Surface Mount Leaded Adapters

Autodapter adds leads to the edge of small daughter boards, such as memory cards or ceramic packages. The pinned FR-4 adapter assembly is mated to the pads of the device requiring leads and is then SMT soldered by any conventional reflow method. The tails of the Autodapter may then be either through hole soldered to a mother board or mated with individual sockets or receptacle connectors.

- Daughter board or ceramic thickness: .031", .050", .062", etc.
- Pin spacing: 1.0mm, 2.0mm, .050", .100" or as specified
- In-line or staggered: DIP, ZIP, SIP pin patterns
- Pin sizes: .012", .018", .020", .025" or custom
- Pin shapes: square, round or rectangular
- Tail lengths: as specified for mother board or sockets
- Tail style: through hole solder or surface mount
- Polarization options using contact patterns or selective loading of contacts
- Ultra low profile saves memory card space and height
- Standoffs for board cleaning
- Same coefficient of Thermal Expansion (CTE) as PC board
- Rugged SMT solder connection to daughter board
- Precise contact alignment to daughter card

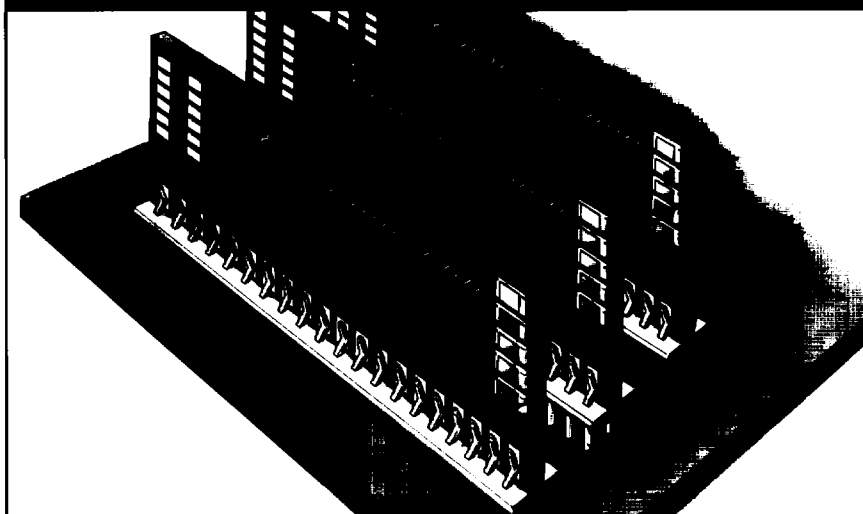
See opposite page for specifications and ordering codes

DESIGN YOUR OWN AUTOADAPTER CONNECTION SOLUTION

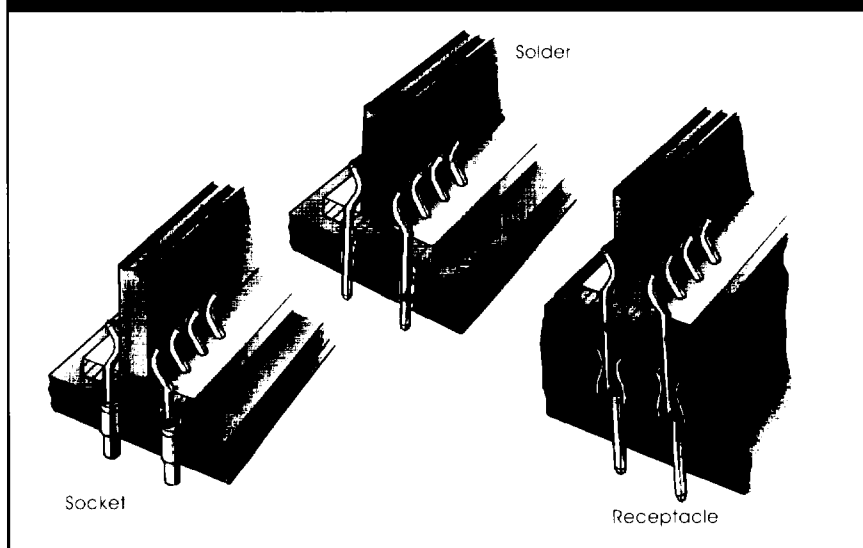


CUSTOM DESIGNS

TOOLED VARIATIONS



CHOICE OF MOTHERBOARD CONNECTIONS



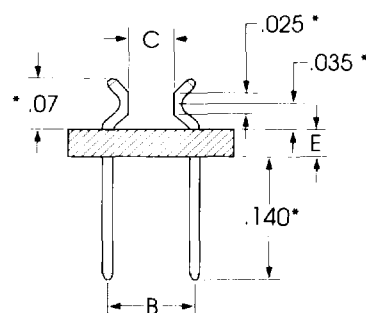
Autodapter™

Product Specifications

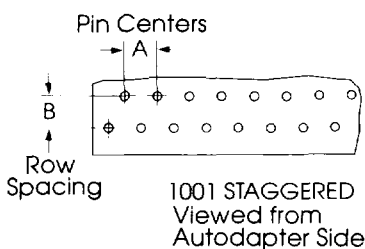
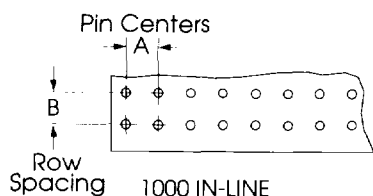
Standard product dimensions shown below can be modified with minor or no tooling charge.

Custom products are readily available.

TYPICAL PRODUCT



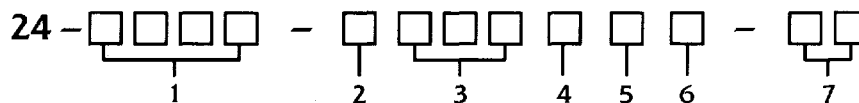
TYPICAL MOTHER BOARD HOLE PATTERNS



DESIGN OPTIONS

- 1.0mm minimum contact spacing
- 1.0mm minimum row spacing
- Specify PCB thickness and tolerance over solder pad
- .031", .040", .062" and custom insulator thicknesses (E)
- .012", .018", .020", .025 inch pins

ORDERING CODES



1. NO. OF ROWS
1000 = In Line
1001 = Staggered

2. PIN CENTERS X ROW SPACING
A = .050 x .050"
B = .050 x .075"
C = .050 x .100"
D = .100 x .100"

3. NO. OF PINS
Example:
sixty = 060
(2x30)

4. PIN SIZE
A = .012"
B = .018"
C = .020"
D = .025"

5. PIN SHAPE
1 = Square
2 = Round
3 = Flat

6. PLATING
over .000050" min. Nickel
F = .000120" min. Tin-Lead
H = .000010" min. Gold
Y = .000015" min. Gold
K = .000030" min. Gold

7. Variation
Assigned by
Autosplice

Consult factory for any required design variation.

MATERIALS & SPECIFICATIONS

PIN CONTACT Copper Alloy
PLATING See Ordering Codes

INSULATOR FR-4 Glass Epoxy, UL 94V-0 Flammability Rating,
Consult factory for high temperature plastic

autosplice®

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