

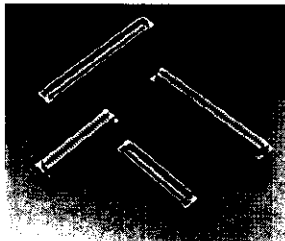


Personal Systems Products

Computer Industry

Board-to-Board Connectors

0.8mm Pitch Free Height (FH) Vertical Surface Mount Connectors

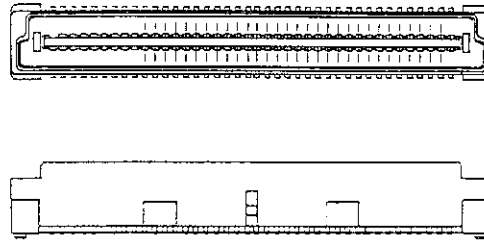


Material and Finish:

Housing – High temperature thermoplastic, natural color, 94V-0 rated

Contacts – Brass; duplex plated 0.00020mm [.000008 in.] min. gold on contact area, 0.00100mm [.000039 in.] min. tin-lead on solder area, with entire contact underplated 0.00033mm [.000051 in.] min. nickel

Plugs - 5mm, 6mm, 7mm and 8mm Stacking Heights



6mm Plug Shown

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] 9 (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



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No. of Pos.	Part Numbers							
	5mm ¹		6mm ²		7mm ³		8mm ⁴	
	Tube Packaged	Tape Packaged*	Tube Packaged	Tape Packaged*	Tube Packaged	Tape Packaged*	Tube Packaged	Tape Packaged*
40	177984-1	177986-1	179029-1	1-177986-1	179030-1	2-177986-1	179031-1	3-177986-1
60	177984-2	177986-2	179029-2	1-177986-2	179030-2	2-177986-2	179031-2	3-177986-2
80	177984-3	177986-3	179029-3	1-177986-3	179030-3	2-177986-3	179031-3	3-177986-3
100	177984-4	177986-4	179029-4	1-177986-4	179030-4	2-177986-4	179031-4	3-177986-4
120	177984-5	177986-5	179029-5	1-177986-5	179030-5	2-177986-5	179031-5	3-177986-5
140	177984-6	177986-6	179029-6	—	179030-6	—	179031-6	—
160	177984-8	—	179029-8	—	179030-8	—	179031-8	—
180	—	—	179029-9	—	—	—	179031-9	—
200	1-177984-0	—	1-179029-0	—	1-179030-0	—	1-179031-0	—

* With steel cover for automatic placement.

¹ 5mm for 5mm [.197 in.], 9mm [.354 in.] and 13mm [.512 in.] stacking heights.

² 6mm for 6mm [.236 in.], 10mm [.394 in.] and 14mm [.551 in.] stacking heights.

³ 7mm for 7mm [.276 in.], 11mm [.433 in.] and 15mm [.591 in.] stacking heights.

⁴ 8mm for 8mm [.315 in.], 12mm [.472 in.] and 16mm [.630 in.] stacking heights.

Note:
BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.