

Board-to-Board Connectors

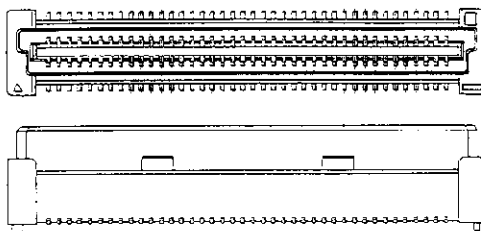
0.8mm Pitch Free Height (FH) Vertical Surface Mount Connectors (Continued)

Material and Finish:

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

Contacts – Beryllium copper; 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 0.00130mm (.000051 in.) min. nickel

Receptacles - 5mm, 9mm, and 13mm Stacking Heights



9mm Receptacle Shown

No. of Pos.	Part Numbers					
	5mm ¹		9mm ²		13mm ³	
	Tube Packaged	Tape Packaged*	Tube Packaged	Tape Packaged*	Tube Packaged	Tape Packaged*
40	177983-1	177985-1	5-179009-1	5-179180-1	5-179010-1	84616-1
60	177983-2	177985-2	5-179009-2	5-179180-2	5-179010-2	84616-2
80	177983-3	177985-3	5-179009-3	5-179180-3	5-179010-3	84616-3
100	177983-4	177985-4	5-179009-4	5-179180-4	5-179010-4	84616-4
120	177983-5	177985-5	5-179009-5	—	5-179010-5	84616-5
140	177983-6	—	5-179009-6	—	5-179010-6	—
160	177983-8	—	5-179009-8	—	5-179010-8	—
180	—	—	5-179009-9	—	5-179010-9	—
200	1-177983-0	—	6-179009-0	—	6-179010-0	—

* With steel cover for automatic placement

¹ 5mm for 5mm [.197 in.], 6mm [.236 in.], 7mm [.276 in.] and 8mm [.315 in.] stacking heights.

² 9mm for 9mm [.354 in.], 10mm [.394 in.], 11mm [.433 in.] and 12mm [.472 in.] stacking heights.

³ 13mm for 13mm [.512 in.], 14mm [.551 in.], 15mm [.591 in.] and 16mm [.630 in.] stacking heights.

Note:

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