

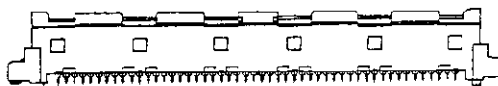
Board-to-Board Connectors

0.6mm Pitch Free Height (FH) and GIGA Surface Mount Connectors (Continued)

Material and Finish:

Housing – High temperature thermoplastic, 94V-0 rated
Signal Contacts – Copper alloy, 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

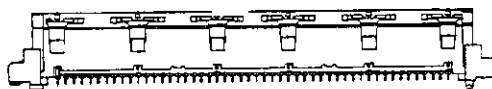
FH Standard Plugs - 4H (4mm), 5H (5mm), 6H (6mm) and 8H (8mm) Stacking Heights



GIGA Plugs - 4H (4mm), 5H (5mm), 6H (6mm), 7H (7mm) and 8H (8mm) Stacking Heights

Material and Finish:

Housing – High temperature thermoplastic, 94V-0 rated
Contacts – Copper alloy; 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
Ground Plates – Phosphor bronze, plated 0.00300-0.00500mm (.000120-.000200 in.) tin-lead over 0.00050mm (.000020 in.) copper



Stacking Height	No. of Positions	Part Numbers			
		Standard Plugs		GIGA Plugs	
		Tray Packaged	Tape Packaged	Tray Packaged	Tape Packaged
4H	50	316076-3	—	316135-3	353183-3
	70	—	5-353184-5	316135-5	—
	100	—	—	—	353183-8
	140	1-316076-0	1-353184-0	1-316135-0	1-353183-0
	160	1-316559-1	—	1-316135-1	—
5H	50	—	—	—	5-353692-3
	160	1-353471-1	—	—	—
6H	80	—	353186-6	—	—
	100	—	—	—	353185-8
	140	—	1-353186-0	—	1-353185-0
7H	80	—	353831-6	—	—
	140	—	1-353831-0	—	—
8H	140	—	1-353188-0	—	1-353187-0
	160	1-316562-1	1-353188-1	—	1-353187-1

Note: All GIGA plugs include ground plates that mate with receptacles with common ground contacts

Personal Systems Products

Board-to-Board Connectors