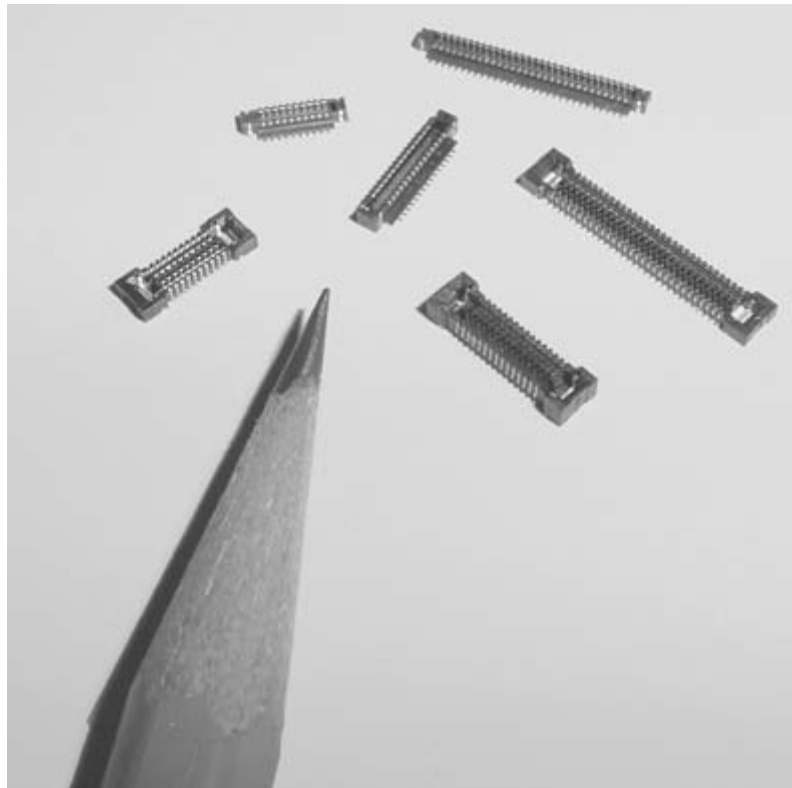
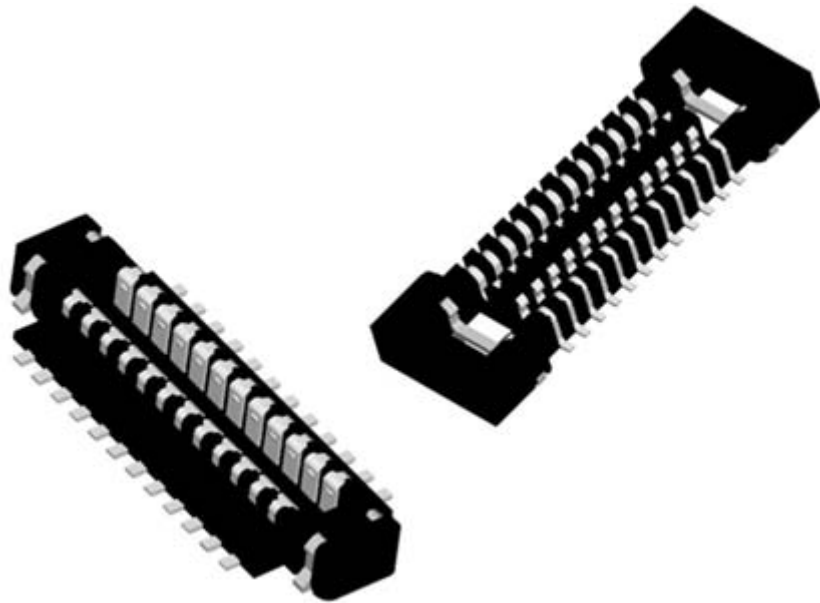


0.4mm Fine Stack Connectors**Product Facts**

- All 0.4mm Fine Stack products in this section are RoHS compliant
- Ultra low stacking height 1.0mm and 1.5mm
- Contact system allows for large mating tolerances $\pm 0.4\text{mm}$ in X-Y direction
- The separated contact point prevents the contact to be damaged by flux and solder
- 0.3A, 30VAC
- Versions planned for 12 through 80 positions
- One action distinct audible locking clip

Technical Documents

Product 108-5901



This Board to Board connector has been developed especially for LCD to board applications, where one side of the FPC connector will be soldered to the FPC and the other side will be

mounted on the PCB. By applying this connection style a major board space reduction can be obtained, compared with the traditional FPC / Board to Board connectors.

0.4mm Fine Stack Receptacles, 0.4 [.016] Pitch

1.0mm [.039"] Stacking Height

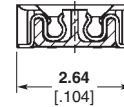
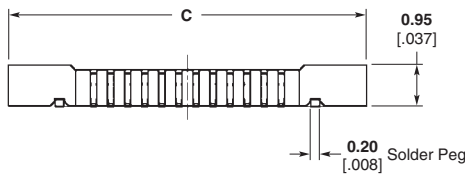
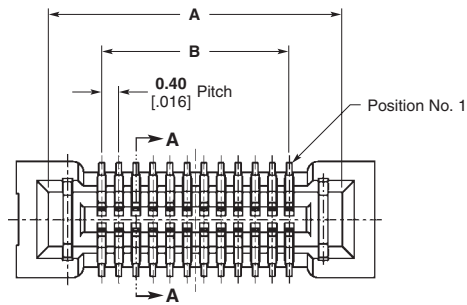
Material and Finish

Contact — Copper alloy, plated gold with entire contact underplated nickel

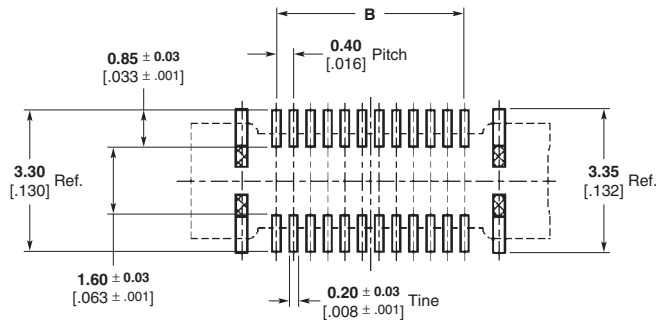
Housing — Thermoplastic

Solder Peg — Copper alloy, tin plated with entire contact underplated nickel

0.4mm Fine Stack Connectors



Section A - A



Recommended PC Board Layout

No. of Positions	Dimensions			Qty./Reel	Part Number
	A	B	C		
20	6.10 .240	3.60 .142	7.60 .299	4000	2-1747769-0
24	6.90 .272	4.40 .173	8.40 .331		2-1747769-4
46	11.30 .445	8.80 .346	12.80 .504		4-1747769-6
50	12.10 .476	9.60 .378	13.60 .535		5-1747769-0
60	14.10 .555	11.60 .457	15.60 .614		6-1747769-0

Note: Part Numbers are RoHS compliant.

0.4mm Fine Stack Plugs, 0.4 [0.16] Pitch

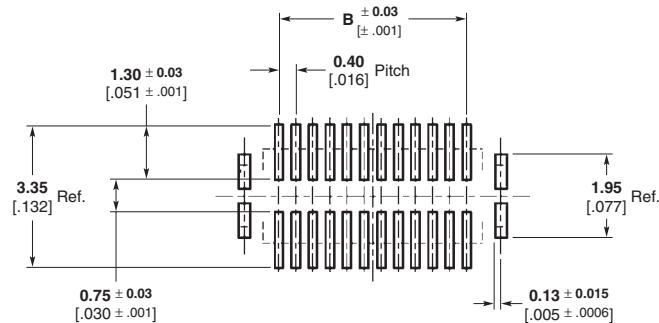
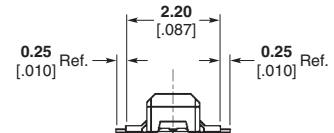
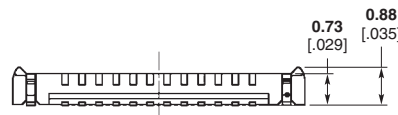
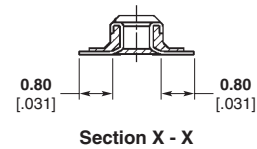
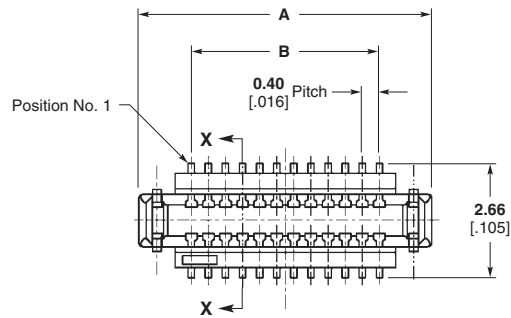
1.0mm [.039"] Stacking Height

Material and Finish

Contact — Copper alloy, plated gold with entire contact underplated nickel

Housing — Thermoplastic

Solder Peg — Copper alloy, tin plated with entire contact underplated nickel



Recommended PC Board Layout

No. of Positions	Dimensions		Qty./Reel	Part Number
	A	B		
20	6.05 .238	3.60 .142	4000	2-1747770-0
24	6.85 .270	4.40 .173		2-1747770-4
46	11.25 .443	8.80 .346		4-1747770-6
50	12.05 .474	9.60 .378		5-1747770-0
60	14.05 .553	11.60 .457		6-1747770-0

Note: Part Numbers are RoHS compliant.

0.4mm Fine Stack Receptacles, 0.4 [.016] Pitch

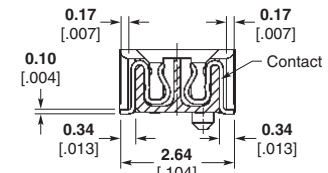
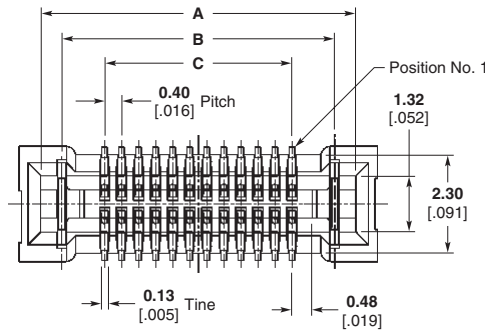
1.5mm [.059"] Stacking Height

Material and Finish

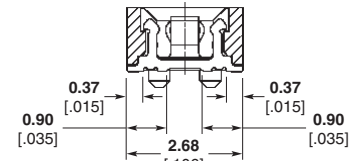
Contact — Copper alloy, plated gold with entire contact underplated nickel

Housing — Thermoplastic

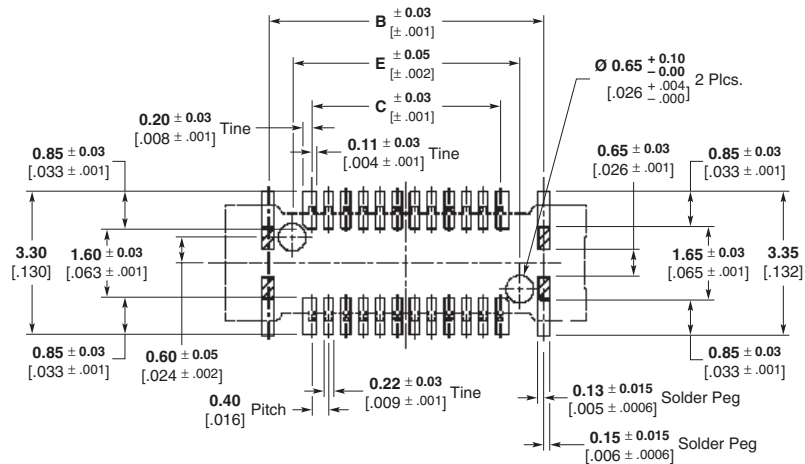
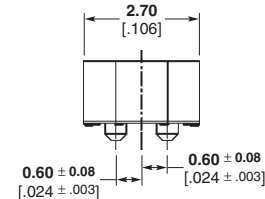
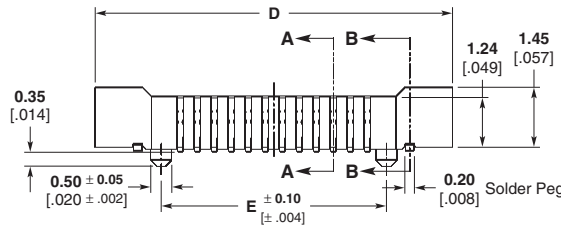
Solder Peg — Copper alloy, tin plated with entire contact underplated nickel



Section A - A



Section B - B



Recommended PC Board Layout

No. of Positions	Dimensions					Boss	Qty./Reel	Part Number
	A	B	C	D	E			
24	7.4 .291	6.4 .252	4.4 .173	8.4 .331	5.3 .209	Without	2500	2-1871274-4
54	13.4 .528	12.4 .488	10.4 .409	14.4 .567	11.3 .445	With	2500	5-1871274-4
56	13.8 .543	12.8 .504	10.8 .425	14.8 .583	11.7 .461	With	2500	5-1871274-6

Note: Part Numbers are RoHS compliant.

0.4mm Fine Stack Connectors

0.4mm Fine Stack Plugs, 0.4 [0.016] Pitch

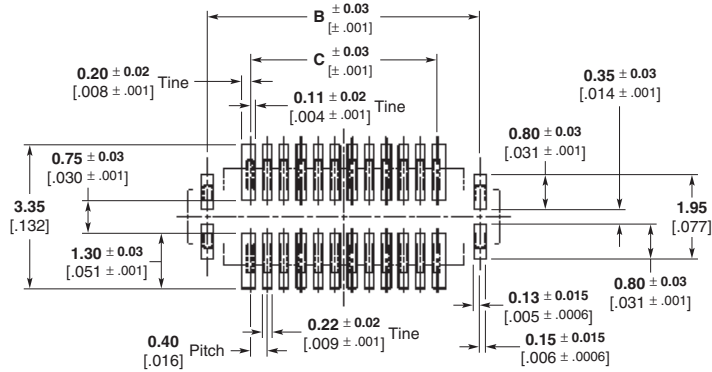
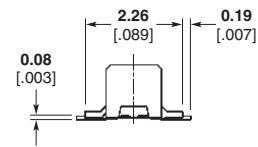
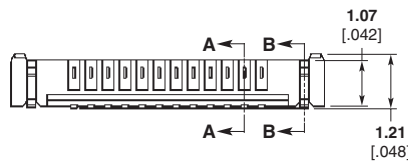
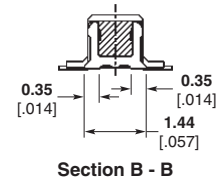
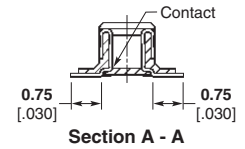
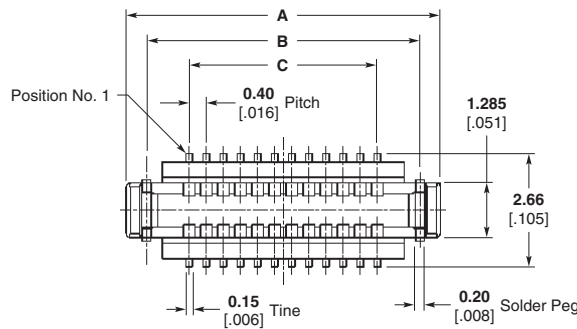
1.5mm [.059"] Stacking Height

Material and Finish

Contact — Copper alloy, plated gold with entire contact underplated nickel

Housing — Thermoplastic

Solder Peg — Copper alloy, tin plated with entire contact underplated nickel



Recommended PC Board Layout

No. of Positions	Dimensions			Peg	Qty./Reel	Part Number
	A	B	C			
24	7.4 .291	6.4 .252	4.4 .173	N/A	3000	2-1871275-4
54	13.4 .528	12.4 .488	10.4 .409	N/A	3000	5-1871275-4
				Without	3000	5-1871275-5
56	13.8 .543	12.8 .504	10.8 .425	N/A	3000	5-1871275-6
				Without	3000	5-1871275-7

Note: Part Numbers are RoHS compliant.

Engineering Notes

