

# Board to Board Connectors

## FH (Free Height) 1.27mm Pitch Connectors/Solder Type

### Receptacle Assembly (Vertical Mount Type)

#### Board Stacking Height

For 11mm—

F = 8.5mm Housing Height

For 12mm—

F = 9.5mm Housing Height

No. of Pos.	Dimensions					Part Number	
	A	B	C	D	J	E = 7.1 / F = 8.5	E = 8.1 / F = 9.5
40	36.8	24.13	—	—	34.10	176371-1	176372-1
60	49.5	36.83	—	—	46.80	176371-2	176372-2
80	62.2	49.53	—	—	59.50	176371-3	176372-3
100	74.9	62.23	—	—	72.20	176371-4	176372-4
120	90.1	77.47	49.53	24.13	—	176371-5	176372-5
140	102.8	90.17	49.53	36.83	—	176371-6	176372-6
180	128.2	115.57	62.23	49.53	—	176371-8	176372-8

#### Board Stacking Height

For 13mm—

F = 10.5mm Housing Height

For 14mm—

F = 11.5mm Housing Height

No. of Pos.	Dimensions					Part Number	
	A	B	C	D	J	E = 9.1 / F = 10.5	E = 10.1 / F = 11.5
40	36.8	24.13	—	—	34.10	176373-1	176374-1
60	49.5	36.83	—	—	46.80	176373-2	176374-2
80	62.2	49.53	—	—	59.50	176373-3	176374-3
100	74.9	62.23	—	—	72.20	176373-4	176374-4
120	90.1	77.47	49.53	24.13	—	176373-5	176374-5
140	102.8	90.17	49.53	36.83	—	176373-6	176374-6
160	115.5	102.87	62.23	36.83	—	176373-7	176374-7
180	128.2	115.57	62.23	49.53	—	176373-8	176374-8

#### Board Stacking Height

For 15mm—

F = 12.5mm Housing Height

For 16mm—

F = 13.5mm Housing Height

No. of Pos.	Dimensions					Part Number	
	A	B	C	D	J	E = 11.1 / F = 12.5	E = 12.1 / F = 13.5
40	36.8	24.13	—	—	34.10	176375-1	176376-1
60	49.5	36.83	—	—	46.80	176375-2	176376-2
80	62.2	49.53	—	—	59.50	176375-3	176376-3
100	74.9	62.23	—	—	72.20	176375-4	176376-4
120	90.1	77.47	49.53	24.13	—	—	176376-5
140	102.8	90.17	49.53	36.83	—	176375-6	176376-6
180	128.2	115.57	62.23	49.53	—	176375-8	176376-8

#### Board Stacking Height

For 17mm—

F = 14.5mm Housing Height

For 18mm—

F = 15.5mm Housing Height

No. of Pos.	Dimensions					Part Number	
	A	B	C	D	J	E = 13.1 / F = 14.5	E = 14.1 / F = 15.5
40	36.8	24.13	—	—	34.10	176377-1	176378-1
60	49.5	36.83	—	—	46.80	—	176378-2
80	62.2	49.53	—	—	59.50	176377-3	176378-3
100	74.9	62.23	—	—	72.20	176377-4	176378-4
120	90.1	77.47	49.53	24.13	—	176377-5	176378-5
140	102.8	90.17	49.53	36.83	—	—	176378-6
160	115.5	102.87	62.23	36.83	—	—	176378-7
180	128.2	115.57	62.23	49.53	—	176377-8	176378-8

3