

## 1.25 mm [.049] FP Connectors (Continued)

### 1.25 mm Dual-Row, Standard, Post Headers for Vertical Mounting

#### Material and Finish

**Housing**—Polyphenylene sulfide, black, UL 94V-0 rated

**Contact**—0.50 [.020] dia. brass rod, tin-lead plated

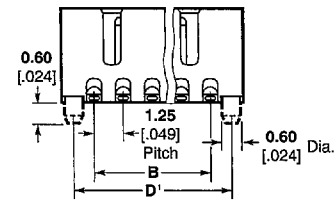
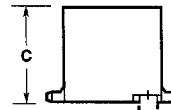
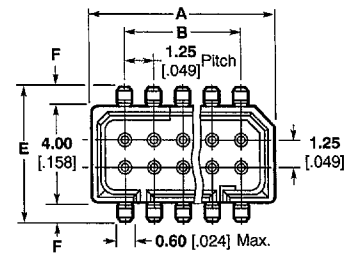
#### Related Product Data

**Mates with**—Receptacle Headers, pages 113 and 114

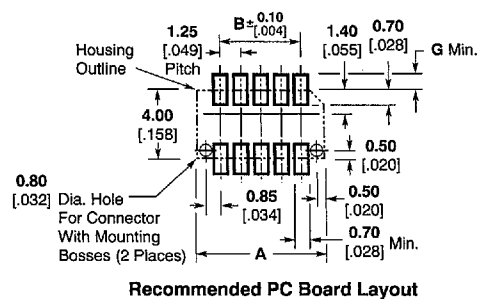
#### \*Packaging Quantities, Tube

6 Pos.	— 90 Pcs./Tube
10 Pos.	— 60 Pcs./Tube
12 Pos.	— 50 Pcs./Tube
14 Pos.	— 45 Pcs./Tube
16 Pos.	— 40 Pcs./Tube
18 Pos.	— 35 Pcs./Tube
20 Pos.	— 30 Pcs./Tube
22 Pos.	— 30 Pcs./Tube
24 Pos.	— 25 Pcs./Tube

**Housing Height (C):**  
**3.95 [.156], 5.45 [.215],**  
**5.95 [.234], 6.85 [.270],**  
**and 9.35 [.368]**



Board Connection Configuration	Dim. H	Dim. H		
		Rt.-Angle	Parallel	Parallel
Right-Angle	C =	3.95 .156	6.9 .271	5.0 .197
	C =	5.45 .215	8.4 .33	6.5 .256
	C =	5.95 .234	8.9 .35	7.0 .276
Parallel	C =	6.85 .270	9.8 .386	7.9 .311
	C =	9.35 .368	12.4 .488	10.5 .413



No. of Pos.	Dimensions							Part Numbers					
	A	B	C	D'	E	F	G	With Mounting Bosses			Without Mounting Bosses		
								Loose Piece	Tube <sup>2</sup>	Tape <sup>3</sup>	Loose Piece	Tube <sup>2</sup>	Tape <sup>3</sup>
6	5.20 .205	2.50 .098	3.95 .156	4.20 .165	5.60 .221	0.80 .032	1.30 .051	3-174821-6	3-175643-6	3-176890-6 <sup>1</sup>	—	3-175635-6	3-176891-6 <sup>1</sup>
	7.70 .303	5.00 .197	3.95 .156	6.70 .264	5.60 .221	0.80 .032	1.30 .051	4-174821-0	4-175643-0	4-176890-0 <sup>1</sup>	4-174645-0	4-175635-0	4-176891-0 <sup>1</sup>
12			3.95 .156		5.60 .221	0.80 .032	1.30 .051	4-174821-2	4-175643-2	4-176890-2 <sup>1</sup>	—	4-175635-2	—
	8.95 .352	6.25 .246	5.95 .234	7.95 .313				7-174821-2	7-175643-2	—	7-174645-2	7-175635-2	—
			9.35 .368		7.00 .276	1.50 .059	2.00 .079	4-176756-2	4-176833-2	—	—	—	—
			3.95 .156	9.20 .362	5.60 .221	0.80 .032	1.30 .051	4-174821-4	4-175643-4	4-176890-4 <sup>1</sup>	—	4-175635-4	4-176891-4 <sup>1</sup>
14	10.20 .402	7.50 .295	5.45 .215					1-174821-4	1-175643-4	—	—	—	—
			3.95 .156					4-174821-6	4-175643-6	4-176890-6 <sup>1</sup>	4-174645-6	4-175635-6	4-176891-6 <sup>1</sup>
16	11.45 .451	8.75 .345	5.45 .215	10.45 .411	5.60 .221	0.80 .032	1.30 .051	1-174821-6	1-175643-6	1-176890-6 <sup>11</sup>	—	1-175635-6	1-176891-6 <sup>11</sup>
			5.95 .234					7-174821-6	7-175643-6	7-176890-6 <sup>11</sup>	7-174645-6	7-175635-6	7-176891-6 <sup>11</sup>
			3.95 .156		5.60 .221	0.80 .032	1.30 .051	4-174821-8	4-175643-8	4-176890-8 <sup>1</sup>	—	4-175635-8	4-176891-8 <sup>1</sup>
18	12.70 .500	10.00 .394	9.35 .368	11.70 .461	7.00 .276	1.50 .059	2.00 .079	4-176756-8	4-176833-8	—	4-178040-8	—	—
			3.95 .156					5-174821-0	5-175643-0	5-176890-0 <sup>1</sup>	5-174645-0	5-175635-0	5-176891-0 <sup>1</sup>
20	13.95 .549	11.25 .443	5.45 .215	12.95 .510	5.60 .221	0.80 .032	1.30 .051	2-174821-0	2-175643-0	—	2-174645-0	—	—
			6.85 .270					—	—	2-177704-0 <sup>111</sup>	—	—	—
			3.95 .156	14.20 .559	5.60 .221	0.80 .032	1.30 .051	5-174821-2	5-175643-2	—	—	5-175635-2	5-176891-2
24	16.45 .648	13.75 .541	3.95 .156	15.45 .608	5.60 .221	0.80 .032	1.30 .051	5-174821-4	5-175643-4	5-176890-4 <sup>1</sup>	—	5-175635-4	5-176891-4 <sup>1</sup>

<sup>1</sup>"D" dimension used **only** with Receptacle Headers with Mounting Bosses.

\*Packaging Quantities, Tube—See chart above.

\*Packaging Quantities, Tape—1 = 1,000; 11 = 750 and 111 = 650

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center: 1-800-522-6752. Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents. Specifications subject to change. Consult AMP for latest specifications.