

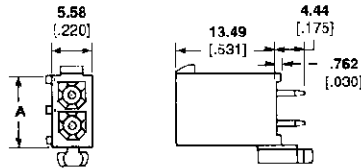
Vertical PC Board Pin Headers

Centerline Spacing — 4.14 [.163]
Solder Tail Diameter — 1.00 [.039]

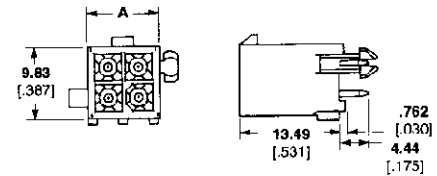
Material

Housing — Nylon, white
Flammability Rating — UL 94V-0
Contacts — Brass

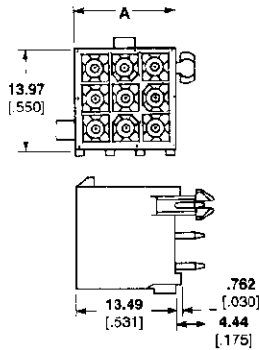
2 and 3 Circuit, In-Line



4, 6, 8, 10 and 12 Circuit, Double Row



9, 12 and 15 Circuit, Matrix

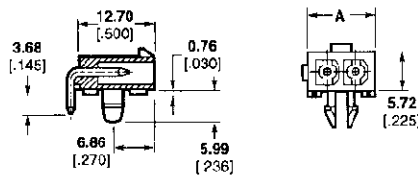


Number of Circuits	Style	Dim. A	Pin Finish	Vertical Pin Header Part Numbers		Mates with Plug Housing Part Number (Using Socket Contacts)
				With Drain Holes	Without Drain Holes	
2	In-Line	9.83 [.387]	Tin-Lead ¹	770166-1	770872-1	172165-1
3	In-Line	13.97 [.550]	Tin-Lead ¹	770170-1	770873-1	172166-1
4	Dual Row	9.83 [.387]	Tin-Lead ¹	770174-1	770874-1	172167-1
6	Dual Row	13.97 [.550]	Tin-Lead ¹	770178-1	770875-1	172168-1
8	Dual Row	18.11 [.713]	Tin-Lead ¹	794085-1	794073-1	770579-1
9	Matrix	14.00 [.551]	Tin-Lead ¹	770182-1	—	172169-1
10	Dual Row	22.28 [.877]	Tin-Lead ¹	770743-1	—	770580-1
12	Dual Row	26.39 [1.039]	Tin-Lead ¹	—	770621-1	770581-1
	Matrix	18.11 [.713]	Tin-Lead ¹	770186-1	—	172170-1
15	Matrix	22.28 [.877]	Tin-Lead ¹	770190-1	770859-1	172171-1

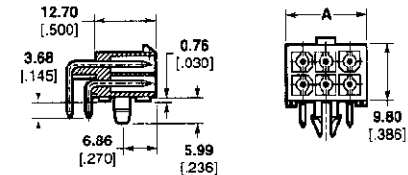
¹Tin-Lead Finish — Plated with .000150 [.00381] min. tin-lead over .00127 [.000050] min. nickel underplate on entire contact.

Right Angle PC Board Pin Headers With Board Lock Feature

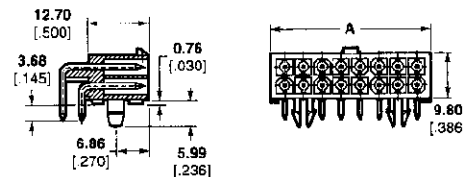
2 and 3 Circuit, In-Line



4, 6, 8 and 12 Circuit, Dual Row



14 and 16 Circuit, Dual Row



Centerline Spacing — 4.14 [.163]
Solder Tail Diameter — 1.00 [.039]

Material

Housing — Nylon, white
Flammability Rating — UL 94V-0
Contacts — Brass

Related Product Data

Product Specification
108-1694 Mini-Universal MATE-N-LOK Headers

Performance Characteristics — pages 395 and 396

Recommended PC Board Hole Layout — page 401

Technical Documents — page 395

Number of Circuits	Style	Dim. A	Pin Finish	Pin Header Part Number with Board Lock	Mates with Plug Housing Part Number (Using Socket Contacts)
3	In-line	14.00 [.551]	Tin-Lead ¹	770967-1	172166-1
4	Dual Row	9.86 [.388]	Tin-Lead ¹	770968-1	172167-1
			Duplex ²	770968-2	172168-1
6	Dual Row	14.00 [.551]	Tin-Lead ¹	770969-1	172168-1
8	Dual Row	18.14 [.714]	Tin-Lead ¹	770970-1	770579-1
12	Dual Row	26.42 [1.040]	Tin-Lead ¹	770972-1	770581-1
			Duplex ²	770972-2	770582-1
14	Dual Row	30.56 [1.203]	Tin-Lead ¹	770973-1	770582-1
16	Dual Row	34.70 [1.366]	Tin-Lead ¹	770974-1	770583-1

¹Tin-Lead Finish — Plated with .00381 [.000150] min. tin-lead over .00127 [.000050] min. nickel underplate on entire contact.

²Duplex Finish — Plated with .000762 [.000030] min. gold in mating area and matte tin-lead on solder tail end over .00127 [.000050] min. nickel underplate on entire contact.