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Jameco Part Number 421340

PC Board Vertical Pin Headers

Material:

Housing — Nylon, natural color

Flammability Rating — UL94V-2

Contacts — Phosphor bronze
Solder tail diameter .062 [1.57]

Related Product Data:

Performance Characteristics —
page 9029

Mating Socket Housings —
pages 9034 thru 9036

Mating Socket Header — page 9038

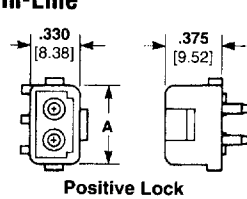
Mating IDC Socket — page 9039

Technical Document: pages 9029 and 9080

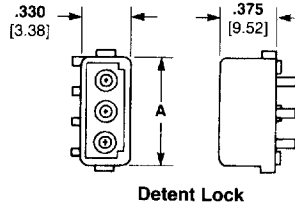
Product Specification

108-1077 Commercial MATE-N-LOK
PC Board Headers

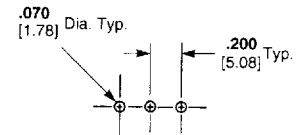
2, 3, and 4 Circuit, In-Line



Positive Lock

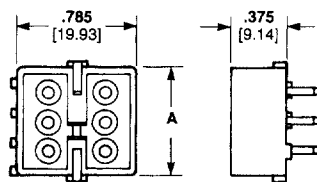


Detent Lock

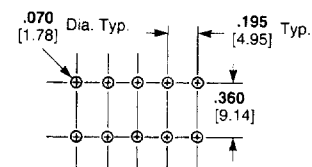


Recommended PC Board Hole Layout
Mounting Dimensions

6, 8, 10, 12 and 16 Circuit, Dual Row



Positive Lock



Recommended PC Board Hole Layout
Mounting Dimensions

Number of Circuits	A Dim.	Type Lock	Finish	Part Numbers		Mates with Socket Housing Part Numbers
				Standard ² Tail	Long ³ Tail	
2	.515 13.09	Positive	Pre-tin	350539-1	350540-1	1-480720-0
			Duplex ¹	350539-2	—	
		Detent	Pre-tin	350209-1	350422-1	1-480318-0
			Duplex ¹	350209-2	—	
3	.715 18.17	Positive	Pre-tin	350541-1	350542-1	1-480721-0
			Duplex ¹	350541-2	—	
		Detent	Pre-tin	350210-1	350423-1	1-480303-0 or 1-480303-9
			Duplex ¹	350210-2	—	
		Positive	Pre-tin	350543-1 ⁵	350544-1 ⁵	1-480722-0 ⁵
			Duplex ¹	350543-2 ⁵	350544-2 ⁵	
4	.915 23.24	Detent	Pre-tin	350211-1 ⁵	350424-1 ⁵	1-480424-0 ^{4,5}
				770328-1 ^{5,6}	794431-1 ^{5,8}	
				1-770328-1 ^{5,6,7}	794431-1 ^{5,8}	
				794236-1 ^{5,8}	794431-1 ^{5,8}	
				Duplex ¹	350211-2 ⁵	
6	.705 17.91	Positive	Pre-tin	1-380999-0	350425-1	1-480270-0
			Duplex ¹	2-380999-0	350425-2	
8	.900 22.86	Positive	Pre-tin	350212-1	350426-1	1-480283-0
			Duplex ¹	350212-2	350426-2	
10	1.095 27.81	Positive	Pre-tin	1-380991-0	350219-1	1-480285-0
			Duplex ¹	2-380991-0	—	
12	1.290 32.77	Positive	Pre-tin	350213-1	350220-1	1-480287-0
			Duplex ¹	350213-2	350220-2	
16	1.680 42.68	Positive	Pre-tin	350214-1	350427-1	1-480438-0
			Duplex ¹	350214-2	350427-2	

¹ Duplex Finish — Plated with .000030 [.000762] min. gold in mating area, matte tin-lead on solder tail end over .000050 [.00127] min. nickel underplate on entire contact.

² Use standard tail for .062 [1.57] thick PC Board.

³ Use long tail for .125 [3.18] thick PC Board.

⁴ Other mating connectors include a vertical PC board socket header and the insulation displacement connectors (IDC).

⁵ Used by the disk drive industry.

⁶ With drain holes.

⁷ Tube loaded.

⁸ Housing material UL94V-0 rated.

For complete product information,
order Catalog 82181