Universal Ejection Style Pin Headers, Military, Center and Dual Polarized, .100 x .100 [2.54 x 2.54] Centers
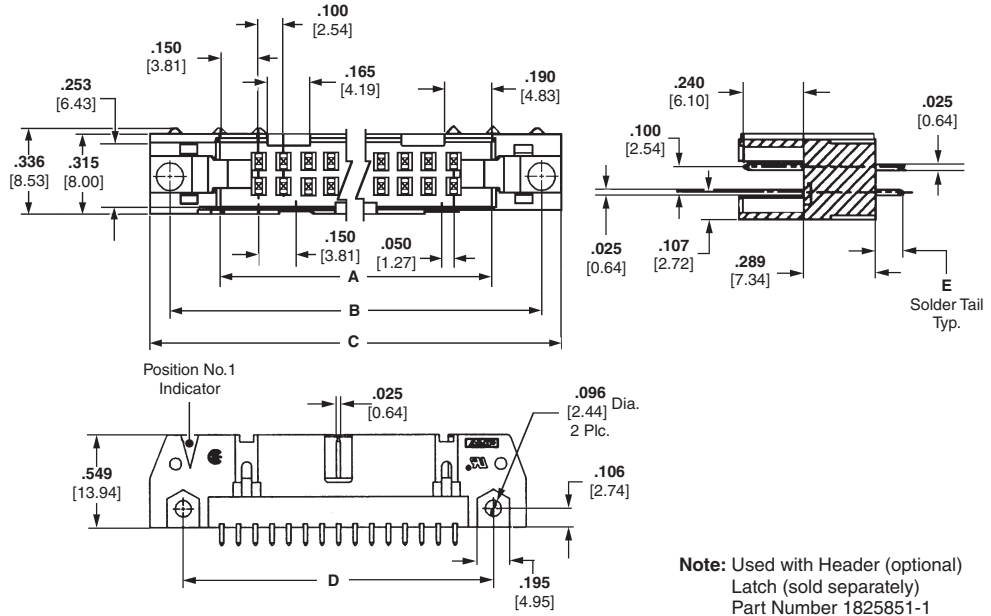
Straight-Thru, 4-Sided .025 [0.64] Sq. Posts

Pin Header with Latches

Pin Header without Latches

Material and Finish

Housing & Latches — Black thermoplastic, 94V-0 rated

Contacts — Brass or phosphor bronze (at Tyco Electronics' option); Duplex .000030 [0.00076] gold on mating end, .000100 [0.00254] min. tin on termination end, with entire contact underplated .000050 [0.00127] nickel

Related Product Data

Electrical Characteristics — page 134

Mateable Connectors — AMPMODU Wire-Applied Receptacles — page 220
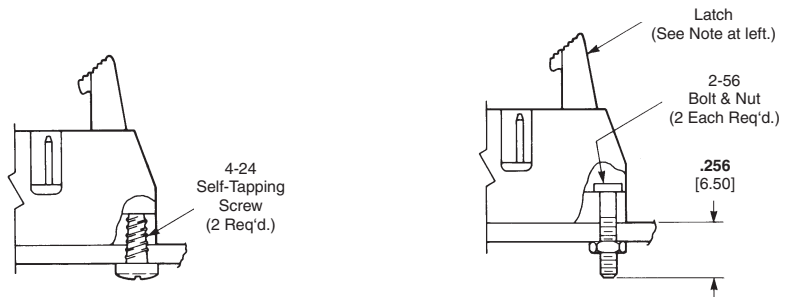
Mounting Information

4-24 self-tapping screws and 2-56 bolts and nuts are available for mounting straight-thru pin headers of pc boards. Typical applications and part nos. for ordering this hardware are presented below.

Note: 2-56 bolts and nuts may be used to mount pin headers with and without latches. If latches are to be used, the bolts must be positioned in the pin header before the latches are installed.

Note: All part numbers are RoHS compliant.

Note: Used with Header (optional) Latch (sold separately) Part Number 1825851-1

No. of Positions	Dimensions					Part Number (Without Latches)
	A	B	C	D	E	
10	.700 17.78	1.100 27.94	1.260 32.00	.860 21.84	.110 [2.79]	5102154-1
					.155 [3.94]	5102156-1
14	.900 22.86	1.300 33.02	1.460 37.08	1.060 26.92	.110 [2.79]	5102154-2
					.155 [3.94]	5102156-2
16	1.000 25.40	1.400 35.56	1.560 39.62	1.180 29.46	.110 [2.79]	5102154-3
					.155 [3.94]	5102156-3
20	1.200 30.48	1.600 40.64	1.760 44.70	1.360 34.54	.110 [2.79]	5102154-4
					.155 [3.94]	5102156-4
24	1.400 35.56	1.800 45.72	1.960 49.78	1.560 39.62	.110 [2.79]	5102154-5
					.155 [3.94]	5102156-5
26	1.500 38.10	1.900 48.26	2.060 52.32	1.660 42.16	.110 [2.79]	5102154-6
					.155 [3.94]	5102156-6
34	1.900 48.26	2.300 58.42	2.460 62.48	2.060 52.32	.110 [2.79]	5102154-8
					.155 [3.94]	5102156-8
40	2.200 55.88	2.600 66.04	2.760 70.10	2.360 59.94	.110 [2.79]	5102154-9
					.155 [3.94]	5102156-9
50	2.700 68.58	3.100 78.74	3.260 82.80	2.860 72.64	.110 [2.79]	1-5102154-0
					.155 [3.94]	1-5102156-0

Notes:
1. Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.
2. Pin headers in 10-position size have only slot for dual polarization, located as shown.

Pin Header Mounting using 4-24 Self-Tapping Screws:
Part No. 19156-1 (for .062 [1.57] Thick PC Board)
19156-2 (for .093 [2.36] Thick PC Board)
19156-3 (for .125 [3.18] Thick PC Board)

Pin Header Mounting with 2-56 Bolts and Nuts:
Part No. 746383-1 (Bolt Only)
Kit No. 102198-1 (Bolt and Nut, 2 Each per Kit)

Universal Ejection Style Pin Headers

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