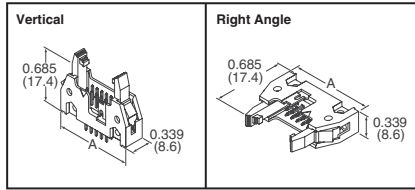


# FCI Quickie™ Headers and Connectors



## Eject Latch Headers

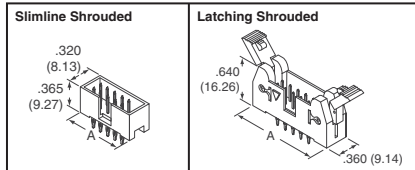
**Specifications:** • Contact Plating: 30µ" (0.76 µm) Gold • Current Rating: 3 Amp Continuous • Temperature Range: -65°C - 125°C • Housing Material: Glass Filled, Thermoplastic: UL94V-0, Color: Gray • Pin Material: Phosphor Bronze • 20N minimum Latch Retention Force at First Extraction



No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Vertical Header with Standard Latch				
6	1.060 (26.92)	609-2843-ND	1.37 18.93	71918-106LF
10	1.260 (32.00)	609-1753-ND	1.53 21.36	71918-110LF
16	1.560 (39.62)	609-1754-ND	1.77 24.64	71918-116LF
20	1.760 (44.70)	609-1755-ND	1.91 27.28	71918-120LF
26	2.060 (52.32)	609-1756-ND	2.14 30.64	71918-126LF
34	2.460 (62.48)	609-1757-ND	2.40 36.03	71918-134LF
40	2.760 (70.10)	609-1758-ND	3.12 48.15	71918-140LF
50	3.260 (82.80)	609-1759-ND	3.15 48.30	71918-150LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Right Angle Header with Standard Latch				
6	1.060 (26.92)	609-2844-ND	1.37 18.93	71922-106LF
10	1.260 (32.00)	609-1760-ND	1.53 21.36	71922-110LF
16	1.560 (39.62)	609-1761-ND	2.37 35.62	71922-116LF
20	1.760 (44.70)	609-1762-ND	1.96 27.96	71922-120LF
26	2.060 (52.32)	609-1763-ND	2.14 30.64	71922-126LF
34	2.460 (62.48)	609-1764-ND	2.34 35.15	71922-134LF
40	2.760 (70.10)	609-1765-ND	2.66 39.52	71922-140LF
50	3.260 (82.80)	609-1766-ND	3.15 48.30	71922-150LF

## Shrouded Headers



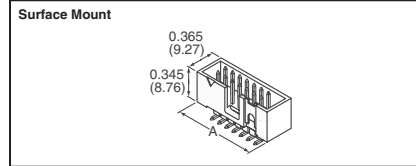
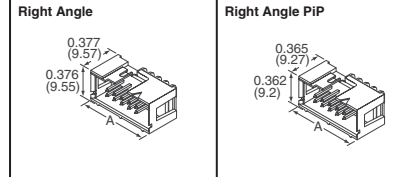
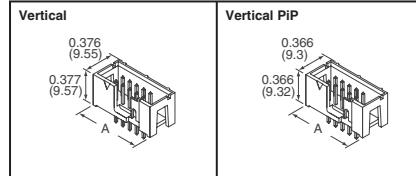
The spring-tension, "Eye-of-Needle" compliant section reduces insertion force during connector installation. The press-fit headers are offered in low-profile, slimline versions or versions equipped with end latches. These dual-row headers utilize 0.64mm (0.025") square pins spaced on 2.54mm (0.100") x 2.54mm (0.100") pitch.

No. of Pos.	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Slimline Shrouded Headers				
10	.78 (19.81)	609-3084-ND	3.25 50.36	10073456-001LF
20	1.28 (32.51)	609-3085-ND	3.99 62.35	10073456-019LF
24	1.48 (37.59)	609-3086-ND	4.34 67.89	10073456-025LF
30	1.78 (45.21)	609-3087-ND	5.16 82.08	10073456-038LF
40	2.28 (57.91)	609-3088-ND	5.60 93.21	10073456-049LF

No. of Pos.	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Latching Shrouded Headers				
10	1.26 (32.00)	609-3089-ND	3.76 60.42	10080054-007LF
14	1.46 (37.08)	609-3090-ND	4.05 63.21	10080054-043LF
16	1.56 (39.62)	609-3091-ND	3.97 61.97	10080054-061LF
20	1.76 (44.70)	609-3092-ND	6.11 95.42	10080054-079LF
24	1.96 (49.78)	609-3095-ND	4.50 71.66	10080054-524LF
26	2.06 (52.32)	609-3093-ND	5.27 87.59	10080054-115LF
40	2.76 (70.10)	609-3094-ND	5.78 96.08	10080054-169LF

## Low Profile Headers

**Specifications:** • Contact Plating: 30µ" (0.76 µm) Gold • Current Rating: 3 Amps Continuous • Temperature Range: -65°C - 125°C • Housing Material: Glass Filled, Thermoplastic: UL94V-0, Color: Blue • Pin Material: Phosphor Bronze • SMT/PIP Compatible with wave, vapor-phase and IR reflow soldering processes • PIP: Pin in Paste



No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Vertical Headers				
6	0.584 (14.83)	609-2845-ND	.88 11.21	75869-131LF
10	0.784 (19.91)	609-1774-ND	1.68 23.34	75869-101LF
16	1.084 (27.53)	609-1775-ND	1.66 22.38	75869-103LF
20	1.284 (32.61)	609-1776-ND	1.50 20.99	75869-104LF
26	1.584 (40.23)	609-1777-ND	1.81 25.88	75869-105LF
34	1.984 (50.39)	609-1778-ND	2.33 34.48	75869-106LF
40	2.284 (58.01)	609-1779-ND	2.63 39.49	75869-107LF
50	2.784 (70.71)	609-1780-ND	3.22 49.30	75869-108LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Vertical PIP Headers				
10	0.791 (20.10)	609-3014-ND	1.72 23.20	10056844-110LF
14	0.991 (25.18)	609-3015-ND	1.62 21.88	10056844-114LF
16	1.091 (27.72)	609-3016-ND	2.00 27.84	10056844-116LF
20	1.291 (32.87)	609-3017-ND	2.21 32.45	10056844-120LF
26	1.591 (40.42)	609-3018-ND	2.68 40.15	10056844-126LF
30	1.791 (45.50)	609-3019-ND	3.12 46.28	10056844-130LF
34	1.991 (50.54)	609-3020-ND	3.45 52.90	10056844-134LF
40	2.291 (58.20)	609-3021-ND	3.48 53.37	10056844-140LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	Molex Part No.
Right Angle Headers				
4	0.483 (12.29)	609-3077-ND	1.01 13.22	75867-130LF
6	0.584 (14.83)	609-2846-ND	.93 11.93	75867-131LF
8	0.684 (17.37)	609-3078-ND	.98 12.77	75867-132LF
10	0.784 (19.91)	609-1767-ND	1.15 15.80	75867-101LF
14	0.984 (24.99)	609-3079-ND	1.27 17.10	75867-102LF
16	1.084 (27.53)	609-1768-ND	1.75 24.31	75867-103LF
20	1.284 (32.61)	609-1769-ND	1.55 20.96	75867-104LF
26	1.584 (40.23)	609-1770-ND	1.93 27.56	75867-105LF
34	1.984 (50.39)	609-1771-ND	2.75 40.84	75867-106LF
40	2.284 (58.01)	609-1772-ND	2.55 38.31	75867-107LF
50	2.784 (70.71)	609-1773-ND	3.65 56.58	75867-108LF
60	3.283 (83.41)	609-3080-ND	4.29 66.56	75867-109LF
64	3.484 (88.49)	609-3081-ND	3.70 57.44	75867-110LF

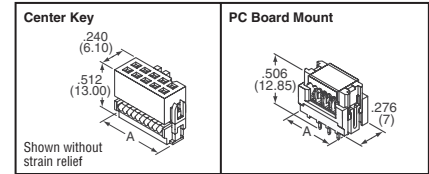
No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Right Angle PIP Headers				
10	0.791 (20.10)	609-3022-ND	1.92 26.68	10056845-110LF
14	0.991 (25.18)	609-3023-ND	2.11 30.16	10056845-114LF
16	1.091 (27.72)	609-3024-ND	2.29 33.64	10056845-116LF
20	1.291 (32.87)	609-3025-ND	2.52 36.19	10056845-120LF
26	1.591 (40.42)	609-3026-ND	2.87 42.98	10056845-126LF
30	1.791 (45.50)	609-3027-ND	3.24 49.59	10056845-130LF
34	1.991 (50.54)	609-3028-ND	3.52 54.00	10056845-134LF
40	2.291 (58.20)	609-3029-ND	4.04 62.64	10056845-140LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
SMT Headers				
10	0.790 (20.07)	609-3075-ND	2.36 35.44	72454-010LF
14	0.99 (25.2)	609-3011-ND	2.35 35.21	72454-014LF
16	1.090 (27.69)	609-3012-ND	2.13 30.58	72454-016LF
20	1.290 (32.77)	609-3076-ND	2.42 36.23	72454-020LF
40	2.290 (58.17)	609-3013-ND†	5.50 93.50	72454-040LF

† Contact Plating: 100µ" (3.05µ) Tin

## 100" x .100" (2.54 mm x 2.54 mm) Socket Connectors

Use .050" (1.27 mm) Pitch Ribbon Cable



**Specifications:** • Contact Plating: 30µ" (0.76 µm) Gold • Current Rating: 1 Amp Continuous • Temperature Range: -65°C - 125°C • Plastic Material: Glass Filled High Temperature, Thermoplastic: UL94V-0, Color: Gray • Pin Material: Phosphor Bronze

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Center Key without Strain Relief				
6	0.476 (12.09)	609-2842-ND	1.05 14.45	71600-106LF
10	0.672 (17.07)	609-1746-ND	1.21 17.13	71600-110LF
16	0.976 (24.79)	609-1747-ND	1.80 24.98	71600-116LF
20	1.172 (29.78)	609-1748-ND	1.41 19.52	71600-120LF
26	1.476 (37.49)	609-1749-ND	1.52 20.49	71600-126LF
34	1.876 (47.65)	609-1750-ND	2.60 39.02	71600-134LF
40	2.176 (55.27)	609-1751-ND	2.32 34.87	71600-140LF
50	2.676 (67.97)	609-1752-ND	3.02 46.33	71600-150LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Center Key with Strain Relief				
6	0.476 (12.09)	609-2841-ND	1.02 13.48	71600-006LF
10	0.672 (17.07)	609-1739-ND	1.32 17.74	71600-010LF
16	0.976 (24.79)	609-1740-ND	1.64 22.22	71600-016LF
20	1.172 (29.78)	609-1741-ND	1.35 18.19	71600-020LF
26	1.476 (37.49)	609-1742-ND	2.05 30.16	71600-026LF
34	1.876 (47.65)	609-1743-ND	2.35 34.72	71600-034LF
40	2.176 (55.27)	609-1744-ND	1.92 27.46	71600-040LF
50	2.676 (67.97)	609-1745-ND	2.71 40.17	71600-050LF

No. of Pos.	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	Molex Part No.
Center Key with Latching Strain Relief				
6	0.476 (12.09)	609-3067-ND	1.07 14.70	71600-606LF
10	0.672 (17.07)	609-3068-ND	1.05 14.46	71600-610LF
16	0.976 (24.79)	609-3069-ND	1.38 19.03	71600-616LF
20	1.172 (29.78)	609-3070-ND	1.58 21.29	71600-620LF
26	1.476 (37.49)	609-3071-ND	1.71 23.77	71600-626LF
34	1.876 (47.65)	609-3072-ND	1.96 28.80	71600-634LF
40	2.176 (55.27)	609-3073-ND	2.15 31.74	71600-640LF
50	2.676 (67.97)	609-3074-ND	2.60 38.66	71600-650LF

No. of Pos.	Dim. S Inch (mm)	Dim. W (Ref.) Inch (mm)
PC Board Mount		
6	0.475 (12.08)	609-3082-ND .93 11.94
8	.0575 (14.62)	609-3083-ND 1.02 14.00

Crimp Tool		
Hand Press	609-1781-ND	3438.24/1 107484-002

# molex .100" (2.54mm) Round Conductor Flat Cable in Precut Lengths

## 26 AWG (7 x 34) Stranded, Topcoat

**Features:** • Gray PVC insulation • UL Temperature Rating: -20°C - 105°C • UL Voltage: 300V maximum • UL Flammability Rating: VW-1 • UL Style No. 2651 • UL Recognized (File #E61522) • CSA Certification (File #LL61126)



No. of Pos.	Digi-Key Part No.	Pricing 1 10	Molex Part No.
3	WM03-02A-ND	.44 3.88	25001-0302
	WM03-04A-ND	.53 4.69	25001-0304
	WM03-06A-ND	.63 5.53	25001-0306
4	WM04-02A-ND	.60 5.29	25001-0402
	WM04-04A-ND	.74 6.56	25001-0404
	WM04-06A-ND	.92 8.15	25001-0406
5	WM05-02A-ND	.62 5.47	25001-0502
	WM05-04A-ND	.78 6.87	25001-0504
	WM05-06A-ND	.98 8.63	25001-0506
6	WM06-02A-ND	.64 5.65	25001-0602
	WM06-04A-ND	.81 7.17	25001-0604
	WM06-06A-ND	1.03 9.12	25001-0606

No. of Pos.	Digi-Key Part No.	Pricing 1 10	Molex Part No.
7	WM07-02A-ND	.65 5.77	25001-0702
	WM07-04A-ND	.85 7.54	25001-0704
	WM07-06A-ND	1.09 9.60	25001-0706
8	WM08-02A-ND	.68 5.96	25001-0802
	WM08-04A-ND	.90 7.90	25001-0804
	WM08-06A-ND	1.15 10.15	25001-0806
9	WM09-02A-ND	.70 6.14	25001-0902