



Low Profile Headers (Cont.)



No. of Con- tacts	Contact Finish	Dim. A Inch (mm)	Digi-Key Part No.	Price Each	1	10	25	50
50	30u" Flash	2.8 (71.0)	HLU50H-ND	8.18	7.20	6.45	5.83	
50	Flash	2.8 (71.0)	HLN50H-ND	2.67	2.35	2.11	1.91	
60	30u" Flash	3.3 (83.7)	HLU60H-ND	9.50	8.36	7.49	6.77	
60	Flash	3.3 (83.7)	HLN60H-ND	3.60	3.17	2.84	2.57	
64	30u" Flash	3.5 (88.78)	HLU64H-ND	10.66	9.37	8.40	7.60	
64	Flash	3.5 (88.78)	HLN64H-ND	3.63	3.19	2.86	2.59	

Pin Header Surface Mount

10	Flash	.8 (20.2)	HSL10H-ND	1.55	1.37	1.23	1.11	
14	Flash	1 (25.28)	HSL14H-ND	1.78	1.57	1.41	1.27	
16	Flash	1.1 (27.82)	HSL16H-ND	1.98	1.74	1.56	1.41	
20	Flash	1.3 (32.9)	HSL20H-ND	2.11	1.86	1.67	1.51	
26	Flash	1.6 (40.52)	HSL26H-ND	2.15	1.89	1.69	1.53	

Pin Header Straight Lead

10	30u" Flash	.8 (20.2)	HRU10H-ND	1.85	1.63	1.46	1.32	
10	Flash	.8 (20.2)	HRP10H-ND	.66	.58	.52	.47	
14	30u" Flash	1 (25.28)	HRU14H-ND	2.38	2.09	1.88	1.70	
14	Flash	1 (25.28)	HRP14H-ND	.73	.64	.58	.52	
16	30u" Flash	1.1 (27.82)	HRU16H-ND	2.67	2.35	2.11	1.91	

16	Flash	1.1 (27.82)	HRP16H-ND	.79	.70	.63	.57	
20	30u" Flash	1.3 (32.9)	HRU20H-ND	3.20	2.82	2.53	2.28	
20	Flash	1.3 (32.9)	HRP20H-ND	.89	.79	.71	.64	
24	30u" Flash	1.5 (37.98)	HRU24H-ND	3.80	3.34	2.99	2.71	
24	Flash	1.5 (37.98)	HRP24H-ND	1.02	.90	.81	.73	

26	30u" Flash	1.6 (40.52)	HRU26H-ND	3.86	3.40	3.05	2.75	
26	Flash	1.6 (40.52)	HRP26H-ND	.92	.82	.73	.66	
30	30u" Flash	1.8 (45.6)	HRU30H-ND	4.59	4.04	3.62	3.27	
30	Flash	1.8 (45.6)	HRP30H-ND	1.19	1.05	.94	.85	
34	30u" Flash	2 (50.68)	HRU34H-ND	5.05	4.44	3.98	3.60	

34	Flash	2 (50.68)	HRP34H-ND	1.09	.96	.86	.78	
40	30u" Flash	2.3 (58.3)	HRU40H-ND	5.84	5.14	4.61	4.16	
40	Flash	2.3 (58.3)	HRP40H-ND	1.22	1.08	.97	.87	
50	30u" Flash	2.8 (71.0)	HRU50H-ND	7.46	6.56	5.88	5.32	
50	Flash	2.8 (71.0)	HRP50H-ND	1.55	1.37	1.23	1.11	

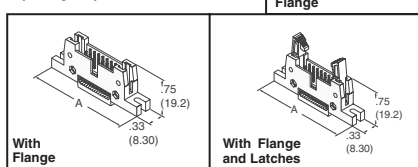
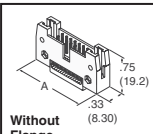
60	30u" Flash	3.3 (83.7)	HRU60H-ND	9.17	8.07	7.23	6.54	
60	Flash	3.3 (83.7)	HRP60H-ND	2.08	1.83	1.64	1.49	
64	30u" Flash	3.5 (88.78)	HRU64H-ND	9.67	8.50	7.62	6.89	
64	Flash	3.5 (88.78)	HRP64H-ND	2.11	1.86	1.67	1.51	

Pin Connectors



Specifications:

- Current Rating: 3A • Withstand Voltage: 1000V AC/DC • Contact Resistance: 20mΩ Maximum • Contact Material: Copper Alloy • Underplate: Nickel • Contact Area: Selective Gold • Insulation Resistance: 1000MΩ Minimum • Solder Tails Area: 100µ" Matte Tin
- Operating Temperature: -40°C ~ 105°C



No. of Con- tacts	Dim. A Inch (mm)	Digi-Key Part No.	Price Each	1	10	Assmann Part No.
Pin Connector without Flange						
10	1.26 (31.96)	HPK10H-ND	8.80	6.68		AWH10G-0202-IDC-R
14	1.46 (37.1)	HPK14H-ND	9.18	6.96		AWH14G-0202-IDC-R
16	1.56 (39.62)	HPK16H-ND	9.18	6.96		AWH16G-0202-IDC-R
20	1.76 (44.74)	HPK20H-ND	9.18	6.96		AWH20G-0202-IDC-R
24	1.96 (49.82)	HPK24H-ND	9.18	6.96		AWH24G-0202-IDC-R
26	2.06 (52.22)	HPK26H-ND	9.73	7.38		AWH26G-0202-IDC-R
30	2.26 (57.46)	HPK30H-ND	9.73	7.38		AWH30G-0202-IDC-R
34	2.46 (62.52)	HPK34H-ND	10.11	7.67		AWH34G-0202-IDC-R
40	2.76 (70.18)	HPK40H-ND	10.66	8.09		AWH40G-0202-IDC-R
50	3.26 (82.74)	HPK50H-ND	11.47	8.70		AWH50G-0202-IDC-R
60	3.77 (95.68)	HPK60H-ND	12.59	9.55		AWH60G-0202-IDC-R
64	3.96 (100.7)	HPK64H-ND	13.33	10.11		AWH64G-0202-IDC-R

Pin Connector with Short Latch without Flange

10	1.26 (31.96)	HPA10H-ND	4.85	4.27		AWH10G-0222-IDC-R
14	1.46 (37.1)	HPA14H-ND	5.05	4.44		AWH14G-0222-IDC-R
16	1.56 (39.62)	HPA16H-ND	5.05	4.44		AWH16G-0222-IDC-R
20	1.76 (44.74)	HPA20H-ND	5.05	4.44		AWH20G-0222-IDC-R
24	1.96 (49.82)	HPA24H-ND	5.12	4.50		AWH24G-0222-IDC-R
26	2.06 (52.22)	HPA26H-ND	5.28	4.64		AWH26G-0222-IDC-R
30	2.26 (57.46)	HPA30H-ND	5.28	4.64		AWH30G-0222-IDC-R

No. of Con- tacts	Dim. A Inch (mm)	Digi-Key Part No.	Price Each	1	10	Assmann Part No.
34	2.46 (62.52)	HPA34H-ND	5.71	5.02		AWH34G-0222-IDC-R
40	2.76 (70.18)	HPA40H-ND	5.91	5.20		AWH40G-0222-IDC-R
50	3.26 (82.74)	HPA50H-ND	6.50	5.72		AWH50G-0222-IDC-R
60	3.77 (95.68)	HPA60H-ND	6.80	5.98		AWH60G-0222-IDC-R
64	3.96 (100.7)	HPA64H-ND	7.00	6.15		AWH64G-0222-IDC-R

Pin Connector with Long Latch without Flange

10	1.26 (31.96)	HPB10H-ND	5.08	4.47		AWH10G-0232-IDC-R
14	1.46 (37.1)	HPB14H-ND	5.28	4.64		AWH14G-0232-IDC-R
16	1.56 (39.62)	HPB16H-ND	5.28	4.64		AWH16G-0232-IDC-R
20	1.76 (44.74)	HPB20H-ND	5.28	4.64		AWH20G-0232-IDC-R
24	1.96 (49.82)	HPB24H-ND	5.35	4.70		AWH24G-0232-IDC-R
26	2.06 (52.22)	HPB26H-ND	5.51	4.85		AWH26G-0232-IDC-R
30	2.26 (57.46)	HPB30H-ND	5.51	4.85		AWH30G-0232-IDC-R
34	2.46 (62.52)	HPB34H-ND	5.97	5.25		AWH34G-0232-IDC-R
40	2.76 (70.18)	HPB40H-ND	6.17	5.43		AWH40G-0232-IDC-R
50	3.26 (82.74)	HPB50H-ND	6.50	5.72		AWH50G-0232-IDC-R
60	3.77 (95.68)	HPB60H-ND	6.80	5.98		AWH60G-0232-IDC-R
64	3.96 (100.7)	HPB64H-ND	7.00	6.15		AWH64G-0232-IDC-R

Pin Connector with Flange

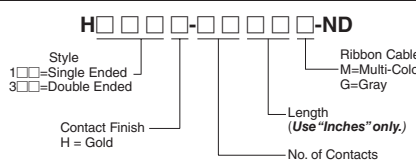
10	1.846 (46.96)	HPL10H-ND	8.31	6.30		AWH10G-E202-IDC-R
14	2.048 (52.1)	HPL14H-ND	8.62	6.54		AWH14G-E202-IDC-R
16	2.147 (54.62)	HPL16H-ND	8.62	6.54		AWH16G-E202-IDC-R
20	2.348 (59.74)	HPL20H-ND	8.62	6.54		AWH20G-E202-IDC-R
24	2.547 (64.82)	HPL24H-ND	8.62	6.54		AWH24G-E202-IDC-R
26	2.642 (67.22)	HPL26H-ND	9.73	7.38		AWH26G-E202-IDC-R
30	2.848 (72.46)	HPL30H-ND	9.73	7.38		AWH30G-E202-IDC-R
34	3.047 (77.52)	HPL34H-ND	10.11	7.67		AWH34G-E202-IDC-R
40	3.348 (85.18)	HPL40H-ND	10.66	8.09		AWH40G-E202-IDC-R
50	3.841 (97.74)	HPL50H-ND	12.03	9.12		AWH50G-E202-IDC-R
60	4.35 (110.68)	HPL60H-ND	12.59	9.55		AWH60G-E202-IDC-R
64	4.547 (115.7)	HPL64H-ND	13.95	10.58		AWH64G-E202-IDC-R

Pin Connector with Short Latch and Flange

10	1.846 (46.96)	HPP10H-ND	4.55	4.01		AWH10G-E222-IDC-R
14	2.048 (52.1)	HPP14H-ND	4.75	4.18		AWH14G-E222-IDC-R
16	2.147 (54.62)	HPP16H-ND	4.75	4.18		AWH16G-E222-IDC-R
20	2.348 (59.74)	HPP20H-ND	4.75	4.18		AWH20G-E222-IDC-R
24	2.547 (64.82)	HPP24H-ND	4.72	4.15		AWH24G-E222-IDC-R
26	2.642 (67.22)	HPP26H-ND	5.28	4.64		AWH26G-E222-IDC-R
30	2.848 (72.46)	HPP30H-ND	5.28	4.64		AWH30G-E222-IDC-R
34	3.047 (77.52)	HPP34H-ND	5.71	5.02		AWH34G-E222-IDC-R
40	3.348 (85.18)	HPP40H-ND	5.91	5.20		AWH40G-E222-IDC-R
50	3.841 (97.74)	HPP50H-ND	6.24	5.49		AWH50G-E222-IDC-R
60	4.35 (110.68)	HPP60H-ND	6.80	5.98		AWH60G-E222-IDC-R
64	4.547 (115.7)	HPP64H-ND	7.00	6.15		AWH64G-E222-IDC-R

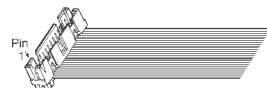
Pin Connector with Long Latch and Flange

10	1.846 (46.96)	HPT10H-ND	4.55	4.01		AWH10G-E232-IDC-R
14	2.048 (52.1)	HPT14H-ND	5.05	4.44		AWH14G-E232-IDC-R
16	2.147 (54.62)	HPT16H-ND	5.05	4.44		AWH16G-E232-IDC-R
20	2.348 (59.74)	HPT20H-ND	5.05	4.44		AWH20G-E232-IDC-R
24	2.547 (64.82)	HPT24H-ND	4.72	4.15		AWH24G-E232-IDC-R
26	2.642 (67.22)	HPT26H-ND	5.28	4.64		AWH26G-E232-IDC-R
30	2.848 (72.46)	HPT30H-ND	5.28	4.64		AWH30G-E232-IDC-R
34	3.047 (77.52)	HPT34H-ND	5.71	5.02		AWH34G-E232-IDC-R
40	3.348 (85.18)	HPT40H-ND	5.91	5.20		AWH40G-E232-IDC-R
50	3.841 (97.74)	HPT50H-ND	6.50	5.72		AWH50G-E232-IDC-R
60	4.35 (110.68)	HPT60H-ND	6.80	5.98		AWH60G-E232-IDC-R
64	4.547 (115.7)	HPT64H-ND	7.00	6.15		AWH64G-E232-IDC-R



Pin Connectors — Single Ended

- MC=Multi-Color, GR=Gray



Pin Connector without flange, without strain relief shown

No. of Con- tacts	Con- tact Finish	Length Inch (cm)	Rib- bon+ Cable	Digi-Key Part No.	Price Each	1	10
Pin Connector without Strain Relief and without Flange							
10	Gold	36 (91.44)	MC	H1KXH-1036G-ND	11.21	8.50	
10	Gold	36 (91.44)	GR	H1KXH-1036G-ND	9.56	7.25	
14	Gold	36 (91.44)	MC	H1KXH-1436G-ND	12.79	9.70	
14	Gold	36 (91.44)	GR	H1KXH-1436G-ND	10.24	7.77	
16	Gold	36 (91.44)	MC	H1KXH-1636G-ND	13.03	9.88	
16	Gold	36 (91.44)	GR	H1KXH-1636G-ND	10.39	7.88	
20	Gold	36 (91.44)	MC	H1KXH-2036G-ND	13.99	10.61	

No. of Con- tacts	Con- tact Finish	Length Inch (cm)	Rib- bon+ Cable	Digi-Key Part No.	Price Each	1	10
20	Gold	36 (91.44)	GR	H1KXH-2036G-ND	10.89	8.26	
24	Gold	36 (91.44)	MC	H1KXH-2436G-ND	15.19	11.52	
24	Gold	36 (91.44)	GR	H1KXH-2436G-ND	10.79	8.18	
26	Gold	36 (91.44)	MC	H1KXH-2636G-ND	15.99	12.13	
26	Gold	36 (91.44)	GR	H1KXH-2636G-ND	11.85	8.99	

30	Gold	36 (91.44)	MC	H1KXH-3036G-ND	17.92	13.59
30	Gold	36 (91.44)	GR	H1KXH-3036G-ND	11.72	8.89
34	Gold	36 (91.44)	MC	H1KXH-3436G-ND	18.29	13.87
34	Gold	36 (91.44)	GR	H1KXH-3436G-ND	12.39	9.40
40	Gold	36 (91.44)	MC	H1KXH-4036G-ND	20.29	15.39
40	Gold	36 (91.44)	GR	H1KXH-4036G-ND	13.86	10.51
50	Gold	36 (91.44)	MC	H1KXH-5036G-ND	23.50	17.82
50	Gold	36 (91.44)	GR	H1KXH-5036G-ND	14.83	11.25
60	Gold	36 (91.44)	MC	H1KXH-6036G-ND	27.02	20.49
60	Gold	36 (91.44)	GR	H1KXH-6036G-ND	17.14	13.00
64	Gold	36 (91.44)	MC	H1KXH-6436G-ND	28.73	21.78
64	Gold	36 (91.44)	GR	H1KXH-6436G-ND	17.63	13.37