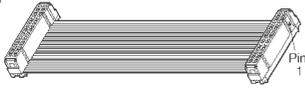




Socket Assemblies (Cont.)

Double Ended Socket

*MC=Multi-Color, GR=Gray



Without Polarizing Key without Strain Relief Shown

No. of Con-tacts	Contact Finish	Length Inch (cm)	Rib-bon+ Cable	Digi-Key Part No.	Price Each		
					1	10	50
10	Tin	6 (15.24)	MC	H3AAH-1006M-ND	2.51	1.91	
	Gold	6 (15.24)	MC	H3AAS-1006M-ND	2.51	1.91	
	Tin	6 (15.24)	GR	H3AAS-1006G-ND	2.23	1.70	
	Gold	6 (15.24)	GR	H3AAS-1006G-ND	2.23	1.70	
	Tin	18 (45.72)	MC	H3AAH-1018M-ND	4.51	3.43	
	Gold	18 (45.72)	MC	H3AAH-1018M-ND	4.51	3.43	
	Tin	18 (45.72)	GR	H3AAS-1018G-ND	2.87	2.18	
	Gold	18 (45.72)	GR	H3AAS-1018G-ND	2.87	2.18	
	Tin	36 (91.44)	MC	H3AAH-1036M-ND	4.51	3.43	
	Gold	36 (91.44)	MC	H3AAS-1036M-ND	4.51	3.43	
	Gold	36 (91.44)	GR	H3AAS-1036G-ND	2.87	2.18	
	Tin	36 (91.44)	GR	H3AAS-1036G-ND	2.87	2.18	
14	Gold	6 (15.24)	MC	H3AAH-1406M-ND	3.08	2.34	
	Tin	6 (15.24)	MC	H3AAS-1406M-ND	3.08	2.34	
	Gold	6 (15.24)	GR	H3AAH-1406G-ND	2.66	2.02	
	Tin	6 (15.24)	GR	H3AAS-1406G-ND	2.66	2.02	
	Gold	18 (45.72)	MC	H3AAH-1418M-ND	6.09	4.62	
	Tin	18 (45.72)	MC	H3AAS-1418M-ND	6.09	4.62	
	Gold	18 (45.72)	GR	H3AAH-1418G-ND	3.54	2.69	
	Tin	18 (45.72)	GR	H3AAS-1418G-ND	3.54	2.69	
	Gold	36 (91.44)	MC	H3AAH-1436M-ND	6.09	4.62	
	Tin	36 (91.44)	MC	H3AAS-1436M-ND	6.09	4.62	
	Gold	36 (91.44)	GR	H3AAH-1436G-ND	3.54	2.69	
	Tin	36 (91.44)	GR	H3AAS-1436G-ND	3.54	2.69	
16	Gold	6 (15.24)	MC	H3AAH-1606M-ND	3.12	2.37	
	Tin	6 (15.24)	MC	H3AAS-1606M-ND	3.12	2.37	
	Gold	6 (15.24)	GR	H3AAH-1606G-ND	2.68	2.04	
	Tin	6 (15.24)	GR	H3AAS-1606G-ND	2.68	2.04	
	Gold	18 (45.72)	MC	H3AAH-1618M-ND	6.33	4.80	
	Tin	18 (45.72)	MC	H3AAS-1618M-ND	6.33	4.80	
	Gold	18 (45.72)	GR	H3AAH-1618G-ND	3.69	2.80	
	Tin	18 (45.72)	GR	H3AAS-1618G-ND	3.69	2.80	
	Gold	36 (91.44)	MC	H3AAH-1636M-ND	6.33	4.80	
	Tin	36 (91.44)	MC	H3AAS-1636M-ND	6.33	4.80	
	Gold	36 (91.44)	GR	H3AAH-1636G-ND	3.69	2.80	
	Tin	36 (91.44)	GR	H3AAS-1636G-ND	3.69	2.80	
20	Gold	6 (15.24)	MC	H3AAH-2006M-ND	3.28	2.49	
	Tin	6 (15.24)	MC	H3AAS-2006M-ND	3.28	2.49	
	Gold	6 (15.24)	GR	H3AAH-2006G-ND	2.77	2.10	
	Tin	6 (15.24)	GR	H3AAS-2006G-ND	2.77	2.10	
	Gold	18 (45.72)	MC	H3AAH-2018M-ND	7.29	5.53	
	Tin	18 (45.72)	MC	H3AAS-2018M-ND	7.29	5.53	
	Gold	18 (45.72)	GR	H3AAH-2018G-ND	4.20	3.19	
	Tin	18 (45.72)	GR	H3AAS-2018G-ND	4.20	3.19	
	Gold	36 (91.44)	MC	H3AAH-2036M-ND	7.29	5.53	
	Tin	36 (91.44)	MC	H3AAS-2036M-ND	7.29	5.53	
	Gold	36 (91.44)	GR	H3AAH-2036G-ND	4.20	3.19	
	Tin	36 (91.44)	GR	H3AAS-2036G-ND	4.20	3.19	
24	Gold	6 (15.24)	MC	H3AAH-2406M-ND	4.35	3.30	
	Tin	6 (15.24)	MC	H3AAS-2406M-ND	4.35	3.30	
	Gold	6 (15.24)	GR	H3AAH-2406G-ND	3.62	2.75	
	Tin	6 (15.24)	GR	H3AAS-2406G-ND	3.62	2.75	
	Gold	18 (45.72)	MC	H3AAH-2418M-ND	9.36	7.10	
	Tin	18 (45.72)	MC	H3AAS-2418M-ND	9.36	7.10	
	Gold	18 (45.72)	GR	H3AAH-2418G-ND	4.96	3.77	
	Tin	18 (45.72)	GR	H3AAS-2418G-ND	4.96	3.77	
	Gold	36 (91.44)	MC	H3AAH-2436M-ND	9.36	7.10	
	Tin	36 (91.44)	MC	H3AAS-2436M-ND	9.36	7.10	
	Gold	36 (91.44)	GR	H3AAH-2436G-ND	4.96	3.77	
	Tin	36 (91.44)	GR	H3AAS-2436G-ND	4.96	3.77	
26	Gold	6 (15.24)	MC	H3AAH-2606M-ND	3.52	2.67	
	Tin	6 (15.24)	MC	H3AAS-2606M-ND	3.52	2.67	
	Gold	6 (15.24)	GR	H3AAH-2606G-ND	2.82	2.15	
	Tin	6 (15.24)	GR	H3AAS-2606G-ND	2.82	2.15	
	Gold	18 (45.72)	MC	H3AAH-2618M-ND	8.74	6.63	
	Tin	18 (45.72)	MC	H3AAS-2618M-ND	8.74	6.63	
	Gold	18 (45.72)	GR	H3AAH-2618G-ND	4.60	3.49	
	Tin	18 (45.72)	GR	H3AAS-2618G-ND	4.60	3.49	
	Gold	36 (91.44)	MC	H3AAH-2636M-ND	8.74	6.63	
	Tin	36 (91.44)	MC	H3AAS-2636M-ND	8.74	6.63	
	Gold	36 (91.44)	GR	H3AAH-2636G-ND	4.60	3.49	
	Tin	36 (91.44)	GR	H3AAS-2636G-ND	4.60	3.49	
30	Gold	6 (15.24)	MC	H3AAH-3006M-ND	4.71	3.58	
	Tin	6 (15.24)	MC	H3AAS-3006M-ND	4.71	3.58	
	Gold	6 (15.24)	GR	H3AAH-3006G-ND	3.68	2.79	
	Tin	6 (15.24)	GR	H3AAS-3006G-ND	3.68	2.79	
	Gold	18 (45.72)	MC	H3AAH-3018M-ND	11.53	8.74	
	Tin	18 (45.72)	MC	H3AAS-3018M-ND	11.53	8.74	
	Gold	18 (45.72)	GR	H3AAH-3018G-ND	5.33	4.05	
	Tin	18 (45.72)	GR	H3AAS-3018G-ND	5.33	4.05	
	Gold	36 (91.44)	MC	H3AAH-3036M-ND	11.53	8.74	
	Tin	36 (91.44)	MC	H3AAS-3036M-ND	11.53	8.74	
	Gold	36 (91.44)	GR	H3AAH-3036G-ND	5.33	4.05	
	Tin	36 (91.44)	GR	H3AAS-3036G-ND	5.33	4.05	
34	Gold	6 (15.24)	MC	H3AAH-3406M-ND	3.84	2.92	
	Tin	6 (15.24)	MC	H3AAS-3406M-ND	3.84	2.92	
	Gold	6 (15.24)	GR	H3AAH-3406G-ND	2.86	2.17	
	Tin	6 (15.24)	GR	H3AAS-3406G-ND	2.86	2.17	
	Gold	18 (45.72)	MC	H3AAH-3418M-ND	10.66	8.09	
	Tin	18 (45.72)	MC	H3AAS-3418M-ND	10.66	8.09	
	Gold	18 (45.72)	GR	H3AAH-3418G-ND	4.77	3.62	
	Tin	18 (45.72)	GR	H3AAS-3418G-ND	4.77	3.62	
	Gold	36 (91.44)	MC	H3AAH-3436M-ND	10.66	8.09	
	Tin	36 (91.44)	MC	H3AAS-3436M-ND	10.66	8.09	
	Gold	36 (91.44)	GR	H3AAH-3436G-ND	4.77	3.62	
	Tin	36 (91.44)	GR	H3AAS-3436G-ND	4.77	3.62	

No. of Con-tacts	Contact Finish	Length Inch (cm)	Rib-bon+ Cable	Digi-Key Part No.	Price Each		
					1	10	50
34	Gold	36 (91.44)	GR	H3AAH-3436G-ND	4.77	3.62	
	Tin	36 (91.44)	GR	H3AAS-3436G-ND	4.77	3.62	
	Gold	6 (15.24)	MC	H3AAH-4006M-ND	4.58	3.48	
	Tin	6 (15.24)	MC	H3AAS-4006M-ND	4.58	3.48	
	Gold	6 (15.24)	GR	H3AAH-4006G-ND	3.51	2.66	
	Tin	6 (15.24)	GR	H3AAS-4006G-ND	3.51	2.66	
40	Gold	18 (45.72)	MC	H3AAH-4018M-ND	12.60	9.56	
	Tin	18 (45.72)	MC	H3AAS-4018M-ND	12.60	9.56	
	Gold	18 (45.72)	GR	H3AAH-4018G-ND	6.17	4.68	
	Tin	18 (45.72)	GR	H3AAS-4018G-ND	6.17	4.68	
	Gold	36 (91.44)	MC	H3AAH-4036M-ND	12.60	9.56	
	Tin	36 (91.44)	MC	H3AAS-4036M-ND	12.60	9.56	
50	Gold	6 (15.24)	MC	H3AAH-5006M-ND	5.73	4.34	
	Tin	6 (15.24)	MC	H3AAS-5006M-ND	5.73	4.34	
	Gold	6 (15.24)	GR	H3AAH-5006G-ND	4.28	3.25	
	Tin	6 (15.24)	GR	H3AAS-5006G-ND	4.28	3.25	
	Gold	18 (45.72)	MC	H3AAH-5018M-ND	15.75	11.95	
	Tin	18 (45.72)	MC	H3AAS-5018M-ND	15.75	11.95	
60	Gold	6 (15.24)	MC	H3AAH-6006M-ND	7.10	6.90	
	Tin	6 (15.24)	MC	H3AAS-6006M-ND	7.10	6.90	
	Gold	6 (15.24)	GR	H3AAH-6006G-ND	9.45	5.66	
	Tin	6 (15.24)	GR	H3AAS-6006G-ND	9.45	5.66	
	Gold	18 (45.72)	MC	H3AAH-6018M-ND	21.13	16.03	
	Tin	18 (45.72)	MC	H3AAS-6018M-ND	21.13	16.03	

Also available in the following configuration:
H3BB□□□□□□□□□□-ND - Without polarizing key, With Strain Relief
H3CC□□□□□□□□□□-ND - With polarizing key, Without Strain Relief
H3DD□□□□□□□□□□-ND - With polarizing key, With Strain Relief
Call for complete part number and pricing

Headers

Specifications:
• Current Rating: 3A • Withstand Voltage: 1000V AC/minute • Contact Resistance: 20mΩ Maximum • Contact Material: Copper Alloy • Underplate: Nickel • Contact Area: Selective Gold • Insulation Resistance: 1000MΩ Minimum • Solder Tails Area: 100µ² Matte Tin • Operating Temperature: -40°C - 105°C

No. of Con-tacts	Post Length Inch(mm)	Dim. A Inch (mm)	Digi-Key Part No.	Price Each		
				1	10	50
Straight Pin Header without Latches						
10	.138 (3.5)	1.26 (31.9)	HVN10H-ND	1.39	1.22	1.10 .99
14	.138 (3.5)	1.46 (36.98)	HVN14H-ND	1.58	1.40	1.25 1.13
16	.138 (3.5)	1.56 (39.52)	HVN16H-ND	1.68	1.48	1.33 1.20
20	.138 (3.5)	1.76 (44.6)	HVN20H-ND	1.88	1.66	1.49 1.34
24	.138 (3.5)	1.96 (49.68)	HVN24H-ND	2.44	2.15	1.93 1.74
26	.138 (3.5)	2.05 (52.15)	HVN26H-ND	2.24	1.98	1.77 1.60
30	.138 (3.5)	2.26 (57.4)	HVN30H-ND	2.64	2.32	2.08 1.88
34	.138 (3.5)	2.46 (62.38)	HVN34H-ND	2.77	2.44	2.19 1.98
40	.138 (3.5)	2.76 (70)	HVN40H-ND	3.04	2.67	2.40 2.17
50	.138 (3.5)	3.26 (82.7)	HVN50H-ND	4.19	3.69	3.31 2.99
60	.138 (3.5)	3.76 (95.6)	HVN60H-ND	5.05	4.44	3.98 3.60
64	.138 (3.5)	3.96 (100.7)	HVN64H-ND	5.25	4.62	4.14 3.74
Straight Pin Header with Short Latches						
10	.138 (3.5)	1.26 (31.9)	HVS10H-ND	1.58	1.40	1.25 1.13
14	.138 (3.5)	1.46 (36.98)	HVS14H-ND	1.72	1.51	1.36 1.23
16	.138 (3.5)	1.56 (39.52)	HVS16H-ND	1.82	1.60	1.43 1.30
20	.138 (3.5)	1.76 (44.6)	HVS20H-ND	2.01	1.77	1.59 1.44
24	.138 (3.5)	1.96 (49.68)	HVS24H-ND	2.57	2.27	2.03 1.84
26	.138 (3.5)	2.05 (52.15)	HVS26H-ND	2.34	2.06	1.85 1.67

No. of Con-tacts	Post Length Inch(mm)	Dim. A Inch (mm)	Digi-Key Part No.	Price Each		
				1	10	25 50