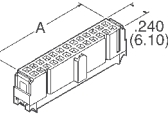




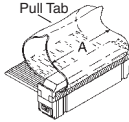
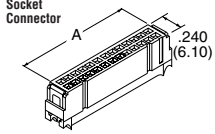
AMP Socket Connectors

A

Socket Connector with Central Polarizing Key



Socket Connector



Permanent Pull-Tabs To Be Used With Strain Relief Version

Material and Finish: • Plastic Shell: Housing, Cover and Strain Relief — Black thermoplastic, 94V-0 rated • Gold Finish: Contacts — Phosphor bronze, duplex 15µ" gold or 30µ" gold on post/pin mating end, 100µ"-200µ" bright tin-lead on termination end, with entire contact underplated 50µ" nickel

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
Socket Connector Only — RoHS Compliant (Strain Reliefs Sold Separately)					
10		.68 (17.27)	ASC10H-ND	1.46 7.00	1658620-1
14		.88 (22.35)	ASC14H-ND	2.13 10.22	1658620-2
16		.98 (24.89)	ASC16H-ND	2.24 10.76	1658620-3
20		1.18 (29.97)	ASC20H-ND	2.35 11.30	1658620-4
24		1.38 (35.05)	ASC24H-ND	2.91 13.99	1658620-5
26	15µ" AU	1.48 (37.59)	ASC26H-ND	2.91 13.99	1658620-6
30		1.68 (42.67)	ASC30H-ND	3.74 17.95	1658620-7
34		1.88 (47.75)	ASC34H-ND	3.25 15.61	1658620-8
40		2.18 (55.37)	ASC40H-ND	3.59 17.22	1658620-9
50		2.68 (68.07)	ASC50H-ND	4.37 20.74	1-1658620-0
64		3.38 (85.85)	ASC64H-ND	4.67 29.25	1-1658620-2
10		.68 (17.27)	ASN10B-ND	1.88 9.00	1658623-1
14		.88 (22.35)	ASN14B-ND	2.46 11.81	1658623-2
16		.98 (24.89)	ASN16B-ND	2.58 12.38	1658623-3
20		1.18 (29.97)	ASN20B-ND	2.70 12.94	1658623-4
24		1.38 (35.05)	ASN24B-ND	4.95 23.76	1658623-5
26	30µ" AU	1.48 (37.59)	ASN26B-ND	3.05 14.63	1658623-6
30		1.68 (42.67)	ASN30B-ND	3.52 16.88	1658623-7
34		1.88 (47.75)	ASN34B-ND	3.87 18.57	1658623-8
40		2.18 (55.37)	ASN40B-ND	4.57 21.94	1658623-9
50		2.68 (68.07)	ASN50B-ND	5.51 26.44	1-1658623-0

Socket Connector With Polarizing Key — RoHS Compliant

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
10		.68 (17.27)	AKC10H-ND	1.68 7.95	1658621-1
14		.88 (22.35)	AKC14H-ND	2.45 11.76	1658621-2
16		.98 (24.89)	AKC16H-ND	2.58 12.38	1658621-3
20		1.18 (29.97)	AKC20H-ND	2.35 11.30	1658621-4
24		1.38 (35.05)	AKC24H-ND	2.91 13.99	1658621-5
26	15µ" AU	1.48 (37.59)	AKC26H-ND	2.91 13.99	1658621-6
30		1.68 (42.67)	AKC30H-ND	3.25 15.61	1658621-7
34		1.88 (47.75)	AKC34H-ND	3.25 15.61	1658621-8
40		2.18 (55.37)	AKC40H-ND	3.59 17.22	1658621-9
44		2.38 (60.45)	AKC44H-ND	3.70 17.54	1-1658621-3
50		2.68 (68.07)	AKC50H-ND	4.37 20.99	1-1658621-0
60		3.18 (80.77)	AKC60H-ND	5.61 26.91	1-1658621-1
64		3.38 (85.85)	AKC64H-ND	6.17 29.60	1-1658621-2
10		.68 (17.27)	AKN10B-ND	1.88 9.00	1658622-1
14		.88 (22.35)	AKN14B-ND	2.46 11.81	1658622-2
16	30µ" AU	.98 (24.89)	AKN16B-ND	2.58 12.38	1658622-3
20		1.18 (29.97)	AKN20B-ND	2.70 12.94	1658622-4
24		1.38 (35.05)	AKN24B-ND	3.05 14.63	1658622-5

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
26		1.48 (37.59)	AKN26B-ND	3.05 14.63	1658622-6
30		1.68 (42.67)	AKN30B-ND	3.87 18.57	1658622-7
34		1.88 (47.75)	AKN34B-ND	3.87 18.57	1658622-8
40	30µ" AU	2.18 (55.37)	AKN40B-ND	4.57 21.94	1658622-9
44		2.38 (60.45)	AKN44B-ND	5.39 25.88	1-1658622-3
50		2.68 (68.07)	AKN50B-ND	5.51 26.44	1-1658622-0
60		3.18 (80.77)	AKN60B-ND	6.80 32.63	1-1658622-1
64		3.38 (85.85)	AKN64B-ND	7.50 36.01	1-1658622-2

Strain Relief For Socket Connectors — RoHS Compliant

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
10		.68 (17.27)	ASSR10-ND	.39 1.62	499252-5
14		.88 (22.35)	ASSR14-ND	.39 1.62	499252-9
16		.98 (24.89)	ASSR16-ND	.39 1.62	499252-8
20		1.18 (29.97)	ASSR20-ND	.39 1.62	499252-2
24		1.38 (35.05)	ASSR24-ND	.33 2.09	1-499252-0
26		1.48 (37.59)	ASSR26-ND	.40 1.89	499252-3
30		1.68 (42.67)	ASSR30-ND	4.0 1.89	1-499252-2
34		1.88 (47.75)	ASSR34-ND	.40 1.89	499252-6
40		2.18 (55.37)	ASSR40-ND	.40 2.21	499252-1
44		2.38 (60.45)	ASSR44-ND	.75 4.72	1-499252-1
50		2.68 (68.07)	ASSR50-ND	.40 2.52	499252-4
60		3.18 (80.77)	ASSR60-ND	.45 2.84	499252-7
64		3.38 (85.85)	ASSR64-ND	.55 3.47	1-499252-3

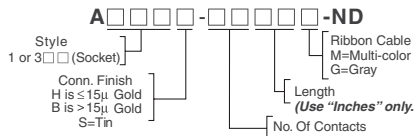
Permanent Pull Tabs — RoHS Compliant (For Connectors With Strain Reliefs)

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
10		.44 (11.18)	ASPS10-ND	.31 1.48	5088450-2
14		.64 (16.26)	ASPS14-ND	.27 1.30	5088450-3
16		.74 (18.80)	ASPS16-ND	.37 1.77	5088450-4
20		.88 (22.35)	ASPS20-ND	.37 1.78	5088450-5
26		1.18 (29.97)	ASPS26-ND	.42 2.03	5088450-7
34		1.58 (40.13)	ASPS34-ND	.36 1.74	5088450-8
40		1.82 (46.23)	ASPS40-ND	.40 1.92	5088450-9
50		2.32 (58.93)	ASPS50-ND	.63 3.02	1-5088450-0
60		2.80 (71.12)	ASPS60-ND	.93 4.48	1-5088450-1

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
Continuous Strip no positions		120.0 (3048.0)	ASKP03-ND	30.56 146.66	5088450-1

Keying Plug For Socket Connectors — RoHS Compliant

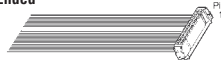
No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
Keying Plugs			ASKP01-ND	.17 1.53	499712-1
Keying Plugs 10/Comb			ASKP02-ND	1.26 11.35	104072-1



AMP Socket Connector Cable Assemblies

Socket Connector — Single Ended

* MC = Multi-Color GR = Gray



Socket connector without strain relief shown

No. of Cont.	Conn. Finish	Length Inch (cm)	Rib-bon Cable	Digi-Key Part No.	Pricing 1 10	AMP Part No.
10	Gold	36 (91.44)	MC	A1AXH-1036M-ND	4.17 33.99	
		36 (91.44)	GR	A1AXH-1036G-ND	2.31 18.83	
14	Gold	36 (91.44)	MC	A1AXH-1436M-ND	6.21 50.53	
		36 (91.44)	GR	A1AXH-1436G-ND	3.33 27.11	
16	Gold	36 (91.44)	MC	A1AXH-1636M-ND	6.59 53.85	
		36 (91.44)	GR	A1AXH-1636G-ND	3.61 29.39	
20	Gold	36 (91.44)	MC	A1AXH-2036M-ND	7.98 64.95	
		36 (91.44)	GR	A1AXH-2036G-ND	4.48 36.48	

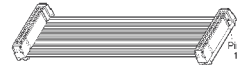
No. of Cont.	Conn. Finish	Length Inch (cm)	Rib-bon Cable	Digi-Key Part No.	Pricing 1 10	AMP Part No.
24	Gold	36 (91.44)	MC	A1AXH-2436M-ND	9.71 79.04	
		36 (91.44)	GR	A1AXH-2436G-ND	4.74 38.58	
26	Gold	36 (91.44)	MC	A1AXH-2636M-ND	10.12 82.44	
		36 (91.44)	GR	A1AXH-2636G-ND	5.45 44.38	
30	Gold	36 (91.44)	MC	A1AXH-3036M-ND	10.80 87.96	
		36 (91.44)	GR	A1AXH-3036G-ND	6.13 49.91	
34	Gold	36 (91.44)	MC	A1AXH-3436M-ND	12.49 101.69	
		36 (91.44)	GR	A1AXH-3436G-ND	5.83 47.50	
40	Gold	36 (91.44)	MC	A1AXH-4036M-ND	14.45 117.70	
		36 (91.44)	GR	A1AXH-4036G-ND	7.20 58.61	
50	Gold	36 (91.44)	MC	A1AXH-5036M-ND	18.83 153.34	
		36 (91.44)	GR	A1AXH-5036G-ND	9.04 73.64	
64	Gold	36 (91.44)	MC	A1AXH-6436M-ND	22.47 182.94	
		36 (91.44)	GR	A1AXH-6436G-ND	11.31 92.06	

Also available in the following versions:

- A1BXH-□□□□□-ND — Socket Connector with Strain Relief Note: Also available with 60 contacts.
- A1CXH-□□□□□-ND — Socket Connector with Central Polarizing Key Note: Also available with 60 contacts.
- A1DXH-□□□□□-ND — Socket Connector with Strain Relief and Central Polarizing Key Note: Also available with 44 and 60 contacts.

Call for complete part number and pricing!

Socket Connector to Socket Connector



* MC = Multi-Color, GR = Gray

Socket connector without strain relief shown.

No. of Cont.	Conn. Finish	Length Inch (cm)	Rib-bon Cable	Digi-Key Part No.	Pricing 1 10	AMP Part No.
10	Gold	6 (15.24)	MC	A3AAH-1006M-ND	3.37 27.42	
		6 (15.24)	GR	A3AAH-1006G-ND	3.06 24.90	
		18 (45.72)	MC	A3AAH-1018M-ND	4.27 34.80	
		18 (45.72)	GR	A3AAH-1018G-ND	3.34 27.22	
		36 (91.44)	MC	A3AAH-1036M-ND	5.63 45.86	
		36 (91.44)	GR	A3AAH-1036G-ND	3.77 30.70	
14	Gold	6 (15.24)	MC	A3AAH-1406M-ND	4.94 40.22	
		6 (15.24)	GR	A3AAH-1406G-ND	4.46 36.32	
		18 (45.72)	MC	A3AAH-1418M-ND	6.30 51.28	
		18 (45.72)	GR	A3AAH-1418G-ND	4.86 39.57	
		36 (91.44)	MC	A3AAH-1436M-ND	8.34 67.87	
		36 (91.44)	GR	A3AAH-1436G-ND	5.46 44.45	
16	Gold	6 (15.24)	MC	A3AAH-1606M-ND	5.21 42.42	
		6 (15.24)	GR	A3AAH-1606G-ND	4.71 38.37	
		18 (45.72)	MC	A3AAH-1618M-ND	6.66 54.21	
		18 (45.72)	GR	A3AAH-1618G-ND	5.17 42.08	
		36 (91.44)	MC	A3AAH-1636M-ND	8.83 71.91	
		36 (91.44)	GR	A3AAH-1636G-ND	5.85 47.65	
20	Gold	6 (15.24)	MC	A3AAH-2006M-ND	5.99 48.78	
		6 (15.24)	GR	A3AAH-2006G-ND	5.41 44.04	
		18 (45.72)	MC	A3AAH-2018M-ND	7.80 63.53	
		18 (45.72)	GR	A3AAH-2018G-ND	6.05 49.30	
		36 (91.44)	MC	A3AAH-2036M-ND	10.52 85.65	
		36 (91.44)	GR	A3AAH-2036G-ND	7.02 57.19	
24	Gold	6 (15.24)	MC	A3AAH-2406M-ND	6.96 56.69	
		6 (15.24)	GR	A3AAH-2406G-ND	6.13 49.94	
		18 (45.72)	MC	A3AAH-2418M-ND	9.23 75.12	