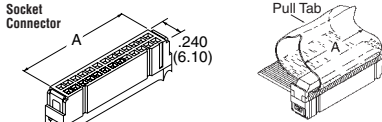


Socket Connectors



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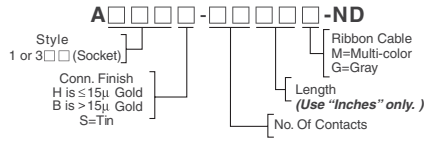


Material and Finish: • Plastic Shell: Housing, Cover and Strain Relief — Black thermoplastic, 94V-0 rated • Gold Finish: Contacts — Phosphor bronze, duplex 15µ" gold or 30µ" gold on post/pin mating end, 100µ"-200µ" bright tin-lead on termination end, with entire contact underplated 50µ" nickel

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	15µ" AU	.68 (17.27)	ASC10H-ND	1.32 6.36	1658620-1
14		.88 (22.35)	ASC14H-ND	1.94 9.30	1658620-2
16		.98 (24.89)	ASC16H-ND	2.04 9.78	1658620-3
20		1.18 (29.97)	ASC20H-ND	2.14 10.27	1658620-4
24	1.38 (35.05)	ASC24H-ND	3.40 16.33	1658620-5	
26	15µ" AU	1.48 (37.59)	ASC26H-ND	3.40 16.33	1658620-6
30		1.68 (42.67)	ASC30H-ND	4.36 20.95	1658620-7
34		1.88 (47.75)	ASC34H-ND	3.80 18.22	1658620-8
40		2.18 (55.37)	ASC40H-ND	4.19 20.10	1658620-9
50		2.68 (68.07)	ASC50H-ND	5.10 24.21	1-1658620-0
64		3.38 (85.85)	ASC64H-ND	4.24 26.59	1-1658620-2
10	30µ" AU	.68 (17.27)	ASN10B-ND	1.63 7.83	1658623-1
14		.88 (22.35)	ASN14B-ND	2.14 10.27	1658623-2
16		.98 (24.89)	ASN16B-ND	2.24 10.76	1658623-3
20		1.18 (29.97)	ASN20B-ND	2.34 11.25	1658623-4
24	1.38 (35.05)	ASN24B-ND	4.87 23.38	1658623-5	
26	30µ" AU	1.48 (37.59)	ASN26B-ND	3.40 16.33	1658623-6
30		1.68 (42.67)	ASN30B-ND	3.93 18.85	1658623-7
34		1.88 (47.75)	ASN34B-ND	4.32 20.73	1658623-8
40		2.18 (55.37)	ASN40B-ND	5.10 24.50	1658623-9
50		2.68 (68.07)	ASN50B-ND	6.15 29.53	1-1658623-0

Socket Connector With Polarizing Key — RoHS Compliant					
10	15µ" AU	.68 (17.27)	AKC10H-ND	1.96 9.28	1658621-1
14		.88 (22.35)	AKC14H-ND	2.86 13.73	1658621-2
16		.98 (24.89)	AKC16H-ND	3.01 14.45	1658621-3
20		1.18 (29.97)	AKC20H-ND	2.75 13.19	1658621-4
24	1.38 (35.05)	AKC24H-ND	3.40 16.33	1658621-5	
26	15µ" AU	1.48 (37.59)	AKC26H-ND	3.40 16.33	1658621-6
30		1.68 (42.67)	AKC30H-ND	3.80 18.22	1658621-7
34		1.88 (47.75)	AKC34H-ND	3.80 18.22	1658621-8
40		2.18 (55.37)	AKC40H-ND	4.19 20.10	1658621-9
44		2.38 (60.45)	AKC44H-ND	4.88 23.17	1-1658621-3
50		2.68 (68.07)	AKC50H-ND	5.10 24.50	1-1658621-0
60	15µ" AU	3.18 (80.77)	AKC60H-ND	6.54 31.41	1-1658621-1
64		3.38 (85.85)	AKC64H-ND	7.20 34.55	1-1658621-2
10	30µ" AU	.68 (17.27)	AKN10B-ND	2.09 10.05	1658622-1
14		.88 (22.35)	AKN14B-ND	2.75 13.19	1658622-2
16		.98 (24.89)	AKN16B-ND	2.88 13.82	1658622-3
20		1.18 (29.97)	AKN20B-ND	3.01 14.45	1658622-4
24	1.38 (35.05)	AKN24B-ND	3.40 16.33	1658622-5	
26	30µ" AU	1.48 (37.59)	AKN26B-ND	3.40 16.33	1658622-6
30		1.68 (42.67)	AKN30B-ND	4.32 20.73	1658622-7

No. of Cont.	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
34	30µ" AU	1.88 (47.75)	AKN34B-ND	4.32 20.73	1658622-8
40		2.18 (55.37)	AKN40B-ND	5.10 24.50	1658622-9
44		2.38 (60.45)	AKN44B-ND	6.02 28.90	1-1658622-3
50	30µ" AU	2.68 (68.07)	AKN50B-ND	6.15 29.53	1-1658622-0
60		3.18 (80.77)	AKN60B-ND	7.59 36.44	1-1658622-1
64		3.38 (85.85)	AKN64B-ND	8.38 40.21	1-1658622-2
Strain Relief For Socket Connectors — RoHS Compliant					
10	—	.68 (17.27)	ASSR10-ND	.36 1.48	499252-5
14		.88 (22.35)	ASSR14-ND	.36 1.48	499252-9
16		.98 (24.89)	ASSR16-ND	.36 1.48	499252-8
20		1.18 (29.97)	ASSR20-ND	.36 1.48	499252-2
24	1.38 (35.05)	ASSR24-ND	.30 1.90	1-499252-0	
26	—	1.48 (37.59)	ASSR26-ND	.36 1.72	499252-3
30		1.68 (42.67)	ASSR30-ND	.36 1.72	1-499252-2
34		1.88 (47.75)	ASSR34-ND	.36 1.72	499252-6
40		2.18 (55.37)	ASSR40-ND	.36 2.01	499252-1
44		2.38 (60.45)	ASSR44-ND	.69 4.29	1-499252-1
50		2.68 (68.07)	ASSR50-ND	.37 2.29	499252-4
60	—	3.18 (80.77)	ASSR60-ND	.41 2.58	499252-7
64		3.38 (85.85)	ASSR64-ND	.50 3.15	1-499252-3
Permanent Pull Tabs (For Connectors With Strain Reliefs)					
Continuous Strip no positions		120.0 (3048.0)	ASPT01-ND	20.22 126.66	88450-1
Permanent Pull Tabs — RoHS Compliant (For Connectors With Strain Reliefs)					
10	—	.44 (11.18)	ASPS10-ND	.28 1.34	5088450-2
14		.64 (16.26)	ASPS14-ND	.25 1.18	5088450-3
16		.74 (18.80)	ASPS16-ND	.34 1.61	5088450-4
20		.88 (22.35)	ASPS20-ND	.34 1.61	5088450-5
26		1.18 (29.97)	ASPS26-ND	.38 1.84	5088450-7
34		1.58 (40.13)	ASPS34-ND	.33 1.58	5088450-8
40	—	1.82 (46.23)	ASPS40-ND	.36 1.75	5088450-9
50		2.32 (58.93)	ASPS50-ND	.57 2.75	1-5088450-0
60		2.80 (71.12)	ASPS60-ND	.85 4.07	1-5088450-1
Continuous Strip no positions		120.0 (3048.0)	ASKP03-ND	27.79 133.39	5088450-1
Keying Plug For Socket Connectors — RoHS Compliant					
Keying Plugs			ASKP01-ND	.15 1.39	499712-1
Keying Plugs 10/Comb			ASKP02-ND	1.22 11.02	104072-1



Socket Connector Cable Assemblies

Socket Connector — Single Ended

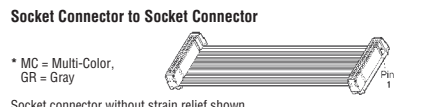
* MC = Multi-Color
GR = Gray

Socket connector without strain relief shown

No. of Conts.	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
10	Gold	36 (91.44)	MC	A1AXH-1036M-ND	3.58 29.18
		36 (91.44)	GR	A1AXH-1036G-ND	2.08 16.97
14	Gold	36 (91.44)	MC	A1AXH-1436M-ND	5.21 42.41
		36 (91.44)	GR	A1AXH-1436G-ND	3.00 24.42
16	Gold	36 (91.44)	MC	A1AXH-1636M-ND	5.78 47.04
		36 (91.44)	GR	A1AXH-1636G-ND	3.25 26.49
20	Gold	36 (91.44)	MC	A1AXH-2036M-ND	6.98 56.81
		36 (91.44)	GR	A1AXH-2036G-ND	3.83 31.18

No. of Conts.	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
24	Gold	36 (91.44)	MC	A1AXH-2436M-ND	8.96 72.94
		36 (91.44)	GR	A1AXH-2436G-ND	5.23 42.55
26	Gold	36 (91.44)	MC	A1AXH-2636M-ND	9.65 78.56
		36 (91.44)	GR	A1AXH-2636G-ND	5.47 44.55
30	Gold	36 (91.44)	MC	A1AXH-3036M-ND	10.44 85.01
		36 (91.44)	GR	A1AXH-3036G-ND	6.26 51.00
34	Gold	36 (91.44)	MC	A1AXH-3436M-ND	11.35 92.39
		36 (91.44)	GR	A1AXH-3436G-ND	6.38 51.93
40	Gold	36 (91.44)	MC	A1AXH-4036M-ND	13.54 110.21
		36 (91.44)	GR	A1AXH-4036G-ND	7.23 58.84
50	Gold	36 (91.44)	MC	A1AXH-5036M-ND	17.23 140.34
		36 (91.44)	GR	A1AXH-5036G-ND	9.92 80.79
64	Gold	36 (91.44)	MC	A1AXH-6436M-ND	18.93 154.12
		36 (91.44)	GR	A1AXH-6436G-ND	10.16 82.75

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 Conts.	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
10	Gold	6 (15.24)	MC	A3AAH-1006M-ND	3.03 24.64
		6 (15.24)	GR	A3AAH-1006G-ND	2.78 22.61
		18 (45.72)	MC	A3AAH-1018M-ND	3.78 30.77
		18 (45.72)	GR	A3AAH-1018G-ND	3.03 24.67
		36 (91.44)	MC	A3AAH-1036M-ND	4.91 39.97
		36 (91.44)	GR	A3AAH-1036G-ND	3.41 27.76
14	Gold	6 (15.24)	MC	A3AAH-1406M-ND	4.42 35.98
		6 (15.24)	GR	A3AAH-1406G-ND	4.05 32.98
		18 (45.72)	MC	A3AAH-1418M-ND	5.51 44.86
		18 (45.72)	GR	A3AAH-1418G-ND	4.40 35.87
		36 (91.44)	MC	A3AAH-1436M-ND	7.14 58.18
		36 (91.44)	GR	A3AAH-1436G-ND	4.94 40.19
16	Gold	6 (15.24)	MC	A3AAH-1606M-ND	4.70 38.27
		6 (15.24)	GR	A3AAH-1606G-ND	4.28 34.84
		18 (45.72)	MC	A3AAH-1618M-ND	5.95 48.42
		18 (45.72)	GR	A3AAH-1618G-ND	4.68 38.14
		36 (91.44)	MC	A3AAH-1636M-ND	7.82 63.64
		36 (91.44)	GR	A3AAH-1636G-ND	5.29 43.09
20	Gold	6 (15.24)	MC	A3AAH-2006M-ND	5.40 43.98
		6 (15.24)	GR	A3AAH-2006G-ND	4.88 39.70
		18 (45.72)	MC	A3AAH-2018M-ND	6.96 56.64
		18 (45.72)	GR	A3AAH-2018G-ND	5.38 43.83
		36 (91.44)	MC	A3AAH-2036M-ND	9.29 75.63
		36 (91.44)	GR	A3AAH-2036G-ND	6.14 50.01
24	Gold	6 (15.24)	MC	A3AAH-2406M-ND	7.73 62.95
		6 (15.24)	GR	A3AAH-2406G-ND	7.11 57.89
		18 (45.72)	MC	A3AAH-2418M-ND	9.58 78.03
		18 (45.72)	GR	A3AAH-2418G-ND	7.72 62.84
		36 (91.44)	MC	A3AAH-2436M-ND	12.36 100.65
		36 (91.44)	GR	A3AAH-2436G-ND	8.63 70.26
26	Gold	6 (15.24)	MC	A3AAH-2606M-ND	8.16 66.43
		6 (15.24)	GR	A3AAH-2606G-ND	7.46 60.76
		18 (45.72)	MC	A3AAH-2618M-ND	10.18 82.92
		18 (45.72)	GR	A3AAH-2618G-ND	8.09 65.92
		36 (91.44)	MC	A3AAH-2636M-ND	13.22 107.66
		36 (91.44)	GR	A3AAH-2636G-ND	9.04 73.65
30	Gold	6 (15.24)	MC	A3AAH-3006M-ND	9.74 79.33
		6 (15.24)	GR	A3AAH-3006G-ND	9.05 73.66
		18 (45.72)	MC	A3AAH-3018M-ND	11.77 95.82
		18 (45.72)	GR	A3AAH-3018G-ND	9.68 78.81
		36 (91.44)	MC	A3AAH-3036M-ND	14.80 120.55
		36 (91.44)	GR	A3AAH-3036G-ND	10.63 86.54
34	Gold	6 (15.24)	MC	A3AAH-3406M-ND	8.85 72.06
		6 (15.24)	GR	A3AAH-3406G-ND	8.02 65.32
		18 (15.24)	MC	A3AAH-3418M-ND	11.37 92.55
		18 (45.72)	GR	A3AAH-3418G-ND	8.88 72.32
		36 (91.44)	MC	A3AAH-3436M-ND	15.14 123.29
		36 (91.44)	GR	A3AAH-3436G-ND	10.17 82.83
40	Gold	6 (15.24)	MC	A3AAH-4006M-ND	9.93 80.89
		6 (15.24)	GR	A3AAH-4006G-ND	8.88 72.33
		18 (45.72)	MC	A3AAH-4018M-ND	13.05 106.26
		18 (45.72)	GR	A3AAH-4018G-ND	9.89 80.57
		36 (91.44)	MC	A3AAH-4036M-ND	17.72 144.32
		36 (91.44)	GR	A3AAH-4036G-ND	11.41 92.94
50	Gold	6 (15.24)	MC	A3	