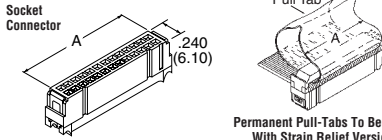
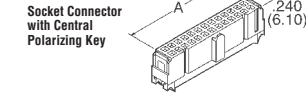


**AMP Socket Connectors**



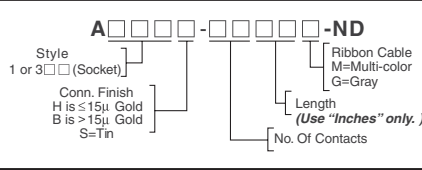
**A**



**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 Contacts	Cont. Finish (AU)	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
<b>Socket Connector Only (Strain Reliefs Sold Separately)</b>					
10	15µ"	.68 (17.27)	ASC10H-ND	.94 4.53	1658620-1
14	15µ"	.88 (22.35)	ASC14H-ND	1.38 6.62	1658620-2
16	15µ"	.98 (24.89)	ASC16H-ND	1.45 6.97	1658620-3
20	15µ"	1.18 (29.97)	ASC20H-ND	1.52 7.32	1658620-4
24	15µ"	1.38 (35.05)	ASC24H-ND	1.89 9.07	1658620-5
26	15µ"	1.48 (37.59)	ASC26H-ND	1.89 9.07	1658620-6
30	15µ"	1.68 (42.67)	ASC30H-ND	2.42 11.63	1658620-7
34	15µ"	1.88 (47.75)	ASC34H-ND	2.11 10.11	1658620-8
40	15µ"	2.18 (55.37)	ASC40H-ND	2.32 11.16	1658620-9
50	15µ"	2.68 (68.07)	ASC50H-ND	2.83 13.43	1-1658620-0
64	15µ"	3.38 (85.85)	ASC64H-ND	2.79 17.45	1-1658620-2
10	30µ"	.68 (17.27)	ASC10B-ND	1.22 5.83	1658623-1
14	30µ"	.88 (22.35)	ASC14B-ND	1.59 7.66	1658623-2
16	30µ"	.98 (24.89)	ASC16B-ND	1.67 8.02	1658623-3
20	30µ"	1.18 (29.97)	ASC20B-ND	1.66 7.98	1658623-4
24	30µ"	1.38 (35.05)	ASC24B-ND	2.50 11.99	1658623-5
26	30µ"	1.48 (37.59)	ASC26B-ND	1.97 9.47	1658623-6
30	30µ"	1.68 (42.67)	ASC30B-ND	2.27 10.93	1658623-7
34	30µ"	1.88 (47.75)	ASC34B-ND	2.51 12.03	1658623-8
40	30µ"	2.18 (55.37)	ASC40B-ND	2.96 14.21	1658623-9
50	30µ"	2.68 (68.07)	ASC50B-ND	3.57 17.13	1-1658623-0
<b>Socket Connector With Polarizing Key</b>					
10	15µ"	.68 (17.27)	AKC10H-ND	1.09 5.15	1658621-1
14	15µ"	.88 (22.35)	AKC14H-ND	1.59 7.62	1658621-2
16	15µ"	.98 (24.89)	AKC16H-ND	1.67 8.02	1658621-3
20	15µ"	1.18 (29.97)	AKC20H-ND	1.52 7.32	1658621-4
24	15µ"	1.38 (35.05)	AKC24H-ND	1.89 9.07	1658621-5
26	15µ"	1.48 (37.59)	AKC26H-ND	1.89 9.07	1658621-6
30	15µ"	1.68 (42.67)	AKC30H-ND	2.11 10.11	1658621-7
34	15µ"	1.88 (47.75)	AKC34H-ND	2.11 10.11	1658621-8
40	15µ"	2.18 (55.37)	AKC40H-ND	2.32 11.16	1658621-9
44	15µ"	2.38 (60.45)	AKC44H-ND	2.39 11.36	1-1658621-3
50	15µ"	2.68 (68.07)	AKC50H-ND	2.83 13.59	1-1658621-0
60	15µ"	3.18 (80.77)	AKC60H-ND	3.63 17.43	1-1658621-1
64	15µ"	3.38 (85.85)	AKC64H-ND	4.00 19.17	1-1658621-2
10	30µ"	.68 (17.27)	AKC10B-ND	1.22 5.83	1658622-1
14	30µ"	.88 (22.35)	AKC14B-ND	1.59 7.66	1658622-2
16	30µ"	.98 (24.89)	AKC16B-ND	1.49 7.16	1658622-3
20	30µ"	1.18 (29.97)	AKC20B-ND	1.26 6.03	1658622-4
24	30µ"	1.38 (35.05)	AKC24B-ND	1.97 9.47	1658622-5
26	30µ"	1.48 (37.59)	AKC26B-ND	1.97 9.47	1658622-6
30	30µ"	1.68 (42.67)	AKC30B-ND	2.51 12.03	1658622-7
34	30µ"	1.88 (47.75)	AKC34B-ND	2.51 12.03	1658622-8
40	30µ"	2.18 (55.37)	AKC40B-ND	2.96 14.21	1658622-9
44	30µ"	2.38 (60.45)	AKC44B-ND	3.49 16.76	1-1658622-3
50	30µ"	2.68 (68.07)	AKC50B-ND	3.57 17.13	1-1658622-0
60	30µ"	3.18 (80.77)	AKC60B-ND	4.40 21.13	1-1658622-1
64	30µ"	3.38 (85.85)	AKC64B-ND	4.86 23.32	1-1658622-2
<b>Strain Relief For Socket Connectors</b>					
10	—	.68 (17.27)	ASSR10-ND	.23 .95	499252-5
14	—	.88 (22.35)	ASSR14-ND	.23 .95	499252-9
16	—	.98 (24.89)	ASSR16-ND	.23 .95	499252-8
20	—	1.18 (29.97)	ASSR20-ND	.23 .95	499252-2
24	—	1.38 (35.05)	ASSR24-ND	.21 1.33	1-499252-0

No. of Contacts	Cont. Finish (AU)	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
26	—	1.48 (37.59)	ASSR26-ND	.24 1.14	499252-3
30	—	1.68 (42.67)	ASSR30-ND	.24 1.14	1-499252-2
34	—	1.88 (47.75)	ASSR34-ND	.24 1.14	499252-6
40	—	2.18 (55.37)	ASSR40-ND	.24 1.33	499252-1
44	—	2.38 (60.45)	ASSR44-ND	.34 2.10	1-499252-1
50	—	2.68 (68.07)	ASSR50-ND	.26 1.65	499252-4
60	—	3.18 (80.77)	ASSR60-ND	.30 1.86	499252-7
64	—	3.38 (85.85)	ASSR64-ND	.36 2.27	1-499252-3
<b>Permanent Pull Tabs (For Connectors With Strain Reliefs)</b>					
10	—	.44 (11.18)	ASPS10-ND	.14 .66	5088450-2
14	—	.64 (16.26)	ASPS14-ND	.14 .68	5088450-3
16	—	.74 (18.80)	ASPS16-ND	.16 .78	5088450-4
20	—	.88 (22.35)	ASPS20-ND	.16 .78	5088450-5
26	—	1.18 (29.97)	ASPS26-ND	.18 .90	5088450-7
34	—	1.58 (40.13)	ASPS34-ND	.22 1.05	5088450-8
40	—	1.82 (46.23)	ASPS40-ND	.24 1.15	5088450-9
50	—	2.32 (58.93)	ASPS50-ND	.28 1.35	1-5088450-0
60	—	2.80 (71.12)	ASPS60-ND	.34 1.66	1-5088450-1
<b>Keying Plug For Socket Connectors</b>					
Keying Plugs			ASKP01-ND	.10 .83	499712-1
Keying Plugs 10/Comb			ASKP02-ND	1.20 10.83	104072-1



**AMP Socket Connector Cable Assemblies**



**Socket Connector — Single Ended**



\* MC = Multi-Color  
GR = Gray

Socket connector without strain relief shown

No. of Contacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
<b>10</b>					
	Gold	36 (91.44)	MC	A1AXB-1036M-ND	3.50 28.47
	Gold	36 (91.44)	GR	A1AXB-1036G-ND	1.98 16.09
<b>14</b>					
	Gold	36 (91.44)	MC	A1AXB-1436M-ND	4.97 40.49
	Gold	36 (91.44)	GR	A1AXB-1436G-ND	2.66 21.67
<b>16</b>					
	Gold	36 (91.44)	MC	A1AXB-1636M-ND	5.31 43.22
	Gold	36 (91.44)	GR	A1AXB-1636G-ND	2.88 23.50
<b>20</b>					
	Gold	36 (91.44)	MC	A1AXB-2036M-ND	6.22 50.68
	Gold	36 (91.44)	GR	A1AXB-2036G-ND	3.39 27.57
<b>24</b>					
	Gold	36 (91.44)	MC	A1AXB-2436M-ND	8.23 67.03
	Gold	36 (91.44)	GR	A1AXB-2436G-ND	4.38 35.68
<b>26</b>					
	Gold	36 (91.44)	MC	A1AXB-2636M-ND	8.66 70.55
	Gold	36 (91.44)	GR	A1AXB-2636G-ND	4.85 39.52
<b>30</b>					
	Gold	36 (91.44)	MC	A1AXB-3036M-ND	10.91 88.78
	Gold	36 (91.44)	GR	A1AXB-3036G-ND	5.75 46.81
<b>34</b>					
	Gold	36 (91.44)	MC	A1AXB-3436M-ND	11.22 91.34
	Gold	36 (91.44)	GR	A1AXB-3436G-ND	5.76 46.89
<b>40</b>					
	Gold	36 (91.44)	MC	A1AXB-4036M-ND	13.37 108.89
	Gold	36 (91.44)	GR	A1AXB-4036G-ND	7.30 59.46
<b>50</b>					
	Gold	36 (91.44)	MC	A1AXB-5036M-ND	16.38 133.42
	Gold	36 (91.44)	GR	A1AXB-5036G-ND	8.30 67.64

Also available in the following versions:

- A1AXH-□□□□□-ND — Socket connector without strain relief  
Note: Also available with 64 contacts.
- A1BXH-□□□□□-ND — Socket Connector with Strain Relief  
Note: Also available with 60 and 64 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.
- A1BXX-□□□□□-ND — Socket Connector with Strain Relief
- A1CXX-□□□□□-ND — Socket Connector with Central Polarizing Key  
Note: Also available with 44, 60 and 64 contacts.
- A1DXX-□□□□□-ND — Socket Connector with Strain Relief and Central Polarizing Key  
Note: Also available with 44, 60 and 64 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 Contacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
<b>10</b>					
	Gold	6 (15.24)	MC	A3AAB-1006M-ND	2.81 22.88
	Gold	6 (15.24)	GR	A3AAB-1006G-ND	2.55 20.81
	Gold	18 (45.72)	MC	A3AAB-1018M-ND	3.57 29.07
	Gold	18 (45.72)	GR	A3AAB-1018G-ND	2.81 22.88
	Gold	36 (91.44)	MC	A3AAB-1036M-ND	4.71 38.36
	Gold	36 (91.44)	GR	A3AAB-1036G-ND	3.19 25.98
<b>14</b>					
	Gold	6 (15.24)	MC	A3AAB-1406M-ND	3.75 30.54
	Gold	6 (15.24)	GR	A3AAB-1406G-ND	3.36 27.41
	Gold	18 (45.72)	MC	A3AAB-1418M-ND	4.88 39.71
	Gold	18 (45.72)	GR	A3AAB-1418G-ND	3.72 30.30
	Gold	36 (91.44)	MC	A3AAB-1436M-ND	6.57 53.47
	Gold	36 (91.44)	GR	A3AAB-1436G-ND	4.25 34.64
<b>16</b>					
	Gold	6 (15.24)	MC	A3AAB-1606M-ND	3.95 32.14
	Gold	6 (15.24)	GR	A3AAB-1606G-ND	3.54 28.85
	Gold	18 (45.72)	MC	A3AAB-1618M-ND	5.16 42.01
	Gold	18 (45.72)	GR	A3AAB-1618G-ND	3.95 32.15
	Gold	36 (91.44)	MC	A3AAB-1636M-ND	6.97 56.82
	Gold	36 (91.44)	GR	A3AAB-1636G-ND	4.56 37.10
<b>20</b>					
	Gold	6 (15.24)	MC	A3AAB-2006M-ND	4.08 33.25
	Gold	6 (15.24)	GR	A3AAB-2006G-ND	3.61 29.40
	Gold	18 (45.72)	MC	A3AAB-2018M-ND	5.61 45.64
	Gold	18 (45.72)	GR	A3AAB-2018G-ND	4.19 34.08
	Gold	36 (91.44)	MC	A3AAB-2036M-ND	7.89 64.22
	Gold	36 (91.44)	GR	A3AAB-2036G-ND	5.05 41.10
<b>24</b>					
	Gold	6 (15.24)	MC	A3AAB-2406M-ND	6.43 52.36
	Gold	6 (15.24)	GR	A3AAB-2406G-ND	5.79 47.14
	Gold	18 (45.72)	MC	A3AAB-2418M-ND	8.26 67.23
	Gold	18 (45.72)	GR	A3AAB-2418G-ND	6.33 51.55
	Gold	36 (91.44)	MC	A3AAB-2436M-ND	10.99 89.51
	Gold	36 (91.44)	GR	A3AAB-2436G-ND	7.14 58.15
<b>26</b>					
	Gold	6 (15.24)	MC	A3AAB-2606M-ND	6.45 52.46
	Gold	6 (15.24)	GR	A3AAB-2606G-ND	5.81 47.30
	Gold	18 (45.72)	MC	A3AAB-2618M-ND	8.42 68.58
	Gold	18 (45.72)	GR	A3AAB-2618G-ND	6.52 53.07
	Gold	36 (91.44)	MC	A3AAB-2636M-ND	11.39 92.75
	Gold	36 (91.44)	GR	A3AAB-2636G-ND	7.58 61.73
<b>30</b>					
	Gold	6 (15.24)	MC	A3AAB-3006M-ND	7.58 61.77
	Gold	6 (15.24)	GR	A3AAB-3006G-ND	6.73 54.77
	Gold	18 (45.72)	MC	A3AAB-3018M-ND	10.17 82.82
	Gold	18 (45.72)	GR	A3AAB-3018G-ND	7.59 61.84
	Gold	36 (91.44)	MC	A3AAB-3036M-ND	14.05 114.40
	Gold	36 (91.44)	GR	A3AAB-3036G-ND	8.90 72.43
<b>34</b>					
	Gold	6 (15.24)	MC	A3AAB-3406M-ND	8.22 66.89
	Gold	6 (15.24)	GR	A3AAB-3406G-ND	7.30 59.48
	Gold	18 (45.72)	MC	A3AAB-3418M-ND	10.80 87.94
	Gold	18 (45.72)	GR	A3AAB-3418G-ND	8.07 65.71
	Gold	36 (91.44)	MC	A3AAB-3436M-ND	14.68 119.53
	Gold	36 (91.44)	GR	A3AAB-3436G-ND	9.22 75.07
<b>40</b>					
	Gold	6 (15.24)	MC	A3AAB-4006M-ND	9.73 79.21
	Gold	6 (15.24)	GR	A3AAB-4006G-ND	8.71 70.97
	Gold	18 (45.72)	MC	A3AAB-4018M-ND	12.82 104.41
	Gold	18 (45.72)	GR	A3AAB-4018G-ND	9.79 79.69
	Gold	36 (91.44)	MC	A3AAB-4036M-ND	17.47 142.20
	Gold	36 (91.44)	GR	A3AAB-4036G-ND	11.40 92.76
<b>50</b>					