

AMP Socket Connector Cable Assemblies

Socket Connector to Socket Connector (Cont.)

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
64	Gold	6 (15.24)	MC	A3AAH-6406M-ND	10.93	88.96
		6 (15.24)	GR	A3AAH-6406G-ND	9.58	77.97
		18 (45.72)	MC	A3AAH-6418M-ND	14.87	121.09
		18 (45.72)	GR	A3AAH-6418G-ND	10.82	88.10
		36 (91.44)	MC	A3AAH-6436M-ND	20.79	169.27
		36 (91.44)	GR	A3AAH-6436G-ND	12.68	103.29

Also available in the following versions:

- A3BBH-□□□□□-ND — Socket Connector with Strain Relief. Note: Also available with 60 contacts.
- A3CCH-□□□□□-ND — Socket Connector with Central Polarizing Key. Note: Also available with 44 and 60 contacts.
- A3DDH-□□□□□-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 Pin Connector

* MC = Multi-Color
GR = Gray



Socket connector without strain relief, plug connector without flange, without strain relief shown.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Gold	6 (15.24)	MC	A3AKB-1006M-ND	6.52	53.08
		6 (15.24)	GR	A3AKB-1006G-ND	6.29	51.24
		18 (45.72)	MC	A3AKB-1018M-ND	7.17	58.43
		18 (45.72)	GR	A3AKB-1018G-ND	6.50	52.93
		36 (91.44)	MC	A3AKB-1036M-ND	8.16	66.46
		36 (91.44)	GR	A3AKB-1036G-ND	6.81	55.45
14	Gold	6 (15.24)	MC	A3AKB-1406M-ND	7.82	63.67
		6 (15.24)	GR	A3AKB-1406G-ND	7.47	60.84
		18 (45.72)	MC	A3AKB-1418M-ND	8.81	71.70
		18 (45.72)	GR	A3AKB-1418G-ND	7.76	63.20
		36 (91.44)	MC	A3AKB-1436M-ND	10.29	83.74
		36 (91.44)	GR	A3AKB-1436G-ND	8.20	66.74
16	Gold	6 (15.24)	MC	A3AKB-1606M-ND	7.88	64.22
		6 (15.24)	GR	A3AKB-1606G-ND	7.53	61.28
		18 (45.72)	MC	A3AKB-1618M-ND	8.94	72.79
		18 (45.72)	GR	A3AKB-1618G-ND	7.86	63.98
		36 (91.44)	MC	A3AKB-1636M-ND	10.52	85.63
		36 (91.44)	GR	A3AKB-1636G-ND	8.36	68.02
20	Gold	6 (15.24)	MC	A3AKB-2006M-ND	8.51	69.30
		6 (15.24)	GR	A3AKB-2006G-ND	8.09	65.85
		18 (45.72)	MC	A3AKB-2018M-ND	9.82	80.00
		18 (45.72)	GR	A3AKB-2018G-ND	8.55	69.67
		36 (91.44)	MC	A3AKB-2036M-ND	11.80	96.06
		36 (91.44)	GR	A3AKB-2036G-ND	9.26	75.40
26	Gold	6 (15.24)	MC	A3AKB-2606M-ND	14.72	119.90
		6 (15.24)	GR	A3AKB-2606G-ND	14.16	115.30
		18 (45.72)	MC	A3AKB-2618M-ND	16.44	133.82
		18 (45.72)	GR	A3AKB-2618G-ND	14.74	120.00
		36 (91.44)	MC	A3AKB-2636M-ND	19.00	154.70
		36 (91.44)	GR	A3AKB-2636G-ND	15.60	127.06
30	Gold	6 (15.24)	MC	A3AKB-3006M-ND	15.76	128.33
		6 (15.24)	GR	A3AKB-3006G-ND	15.20	123.72
		18 (45.72)	MC	A3AKB-3018M-ND	17.47	142.25
		18 (45.72)	GR	A3AKB-3018G-ND	15.78	128.44
		36 (91.44)	MC	A3AKB-3036M-ND	20.03	163.12
		36 (91.44)	GR	A3AKB-3036G-ND	16.64	135.50
34	Gold	6 (15.24)	MC	A3AKB-3406M-ND	11.92	97.07
		6 (15.24)	GR	A3AKB-3406G-ND	11.12	90.51
		18 (45.72)	MC	A3AKB-3418M-ND	14.16	115.27
		18 (45.72)	GR	A3AKB-3418G-ND	11.74	95.59
		36 (91.44)	MC	A3AKB-3436M-ND	17.51	142.57
		36 (91.44)	GR	A3AKB-3436G-ND	12.68	103.23
40	Gold	6 (15.24)	MC	A3AKB-4006M-ND	18.78	152.91
		6 (15.24)	GR	A3AKB-4006G-ND	17.90	145.76
		18 (45.72)	MC	A3AKB-4018M-ND	21.41	174.32
		18 (45.72)	GR	A3AKB-4018G-ND	18.77	152.87
		36 (91.44)	MC	A3AKB-4036M-ND	25.35	206.45
		36 (91.44)	GR	A3AKB-4036G-ND	20.08	163.55
50	Gold	6 (15.24)	MC	A3AKB-5006M-ND	17.44	142.03
		6 (15.24)	GR	A3AKB-5006G-ND	16.26	132.39
		18 (45.72)	MC	A3AKB-5018M-ND	20.73	168.80
		18 (45.72)	GR	A3AKB-5018G-ND	17.18	139.86
		36 (91.44)	MC	A3AKB-5036M-ND	25.66	208.95
		36 (91.44)	GR	A3AKB-5036G-ND	18.56	151.09

Also available in the following versions:

- A3BRB-□□□□□-ND — Socket Connector with Strain Relief. Note: Also available with 24 contacts.
- A3CKB-□□□□□-ND — Socket Connector with Central Polarizing Key. Note: Also available with 64 contacts.
- A3DKB-□□□□□-ND — Socket Connector with Strain Relief and Central Polarizing Key. Note: Also available with 24 and 64 contacts.

* Not available with Strain Relief
Call for complete part number and pricing!

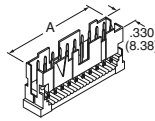
AMP Pin Connectors

Material and Finish: • Housing and Cover: Black thermoplastic, 94V-0 rated

Electrical Characteristics: • Contact Current Rating: 1 Amp • Dielectric Withstanding Voltage: Pin connectors 500 Volts, RMS

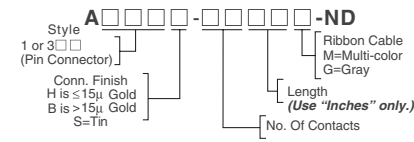
Contacts: • Phosphor Bronze, 30µ" AU pin end; 000100 tin on cable termination end; entire contact underplated with 50µ" nickel. Specifications: • Operating Temperature: -65°C - 105°C

Recognized under Component Program of Underwriters Laboratories Inc. File No. E28476.
Certified by Canadian Standards Association File No. LR16455.



No. of Con-tacts	Contact Finish	Dim. A In. (mm)	Digi-Key Part No.	Pricing		AMP Part No.
				1	10	
Pin Connectors (Strain Reliefs Sold Separately)						
16	30µ" AU	1.372 (34.85)	APK16A-ND	4.70	42.26	111446-3
26		1.872 (47.55)	APK26A-ND	11.30	101.72	111446-6
30		2.072 (52.63)	APK30A-ND	15.20	136.76	111446-7
Pin Connectors — RoHS Compliant (Strain Reliefs Sold Separately)						
10	30µ" AU	1.072 (27.23)	APK10B-ND	4.83	23.17	1-111446-4
14		1.272 (32.31)	APK14B-ND	5.54	26.59	1-111446-5
16		1.372 (34.85)	APK16B-ND	5.49	26.35	1-111446-6
20		1.572 (39.93)	APK20B-ND	5.90	28.30	1-111446-8
24		1.772 (45.01)	APK24B-ND	8.17	73.48	1-111446-9
26		1.872 (47.55)	APK26B-ND	11.11	53.30	2-111446-0
30	2.072 (52.63)	APK30B-ND	11.72	56.23	2-111446-1	
34	2.272 (57.71)	APK34B-ND	7.30	35.91	2-111446-2	
40	2.572 (65.33)	APK40B-ND	13.31	63.91	2-111446-3	
50	3.072 (78.03)	APK50B-ND	10.80	51.84	1-111446-7	
64	3.772 (95.81)	APK64B-ND	17.51	84.03	2-111446-6	
Strain Reliefs For Pin Connectors — RoHS Compliant						
10	—	—	APSR10-ND	5.30	47.69	111547-1
14	—	—	APSR14-ND	4.82	43.36	111547-2
16	—	—	APSR16-ND	4.16	37.42	111547-3
20	—	—	APSR20-ND	4.23	38.12	111547-4
24	—	—	APSR24-ND	3.56	32.09	111547-5
26	—	—	APSR26-ND	3.37	30.31	111547-6
30	—	—	APSR30-ND	3.50	31.51	111547-7
34	—	—	APSR34-ND	3.99	35.86	111547-8
40	—	—	APSR40-ND	3.73	35.56	111547-9
50	—	—	APSR50-ND	3.94	35.49	1-111547-1

Description	Digi-Key Part No.	Pricing		AMP Part No.
		1	10	
Snap-In Polarizer — RoHS Compliant				
For Pin Connectors, Univ. Pin, Pinless Headers and Low Profile Pin Headers	A24195-ND	1.55	13.94	499991-2
Latch Ejector (2 Required per Connector) — RoHS Compliant				
Short (for Connectors without Strain Relief)	ALSN02-ND	1.86/2	8.59/10	111451-1
Long (for Connectors with Strain Relief)	ALLN02-ND	2.15/2	9.92/10	111451-3



AMP Pin Connector Cable Assemblies

Pin Connector — Single Ended

* MC = Multi-Color
GR = Gray

Pin connector without flange, without strain relief shown.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Gold	36 (91.44)	MC	A1KXB-1036M-ND	6.80	55.37
		36 (91.44)	GR	A1KXB-1036G-ND	5.45	44.37
14	Gold	36 (91.44)	MC	A1KXB-1436M-ND	8.50	69.20
		36 (91.44)	GR	A1KXB-1436G-ND	6.41	52.19
16	Gold	36 (91.44)	MC	A1KXB-1636M-ND	8.65	70.39
		36 (91.44)	GR	A1KXB-1636G-ND	6.48	52.77
20	Gold	36 (91.44)	MC	A1KXB-2036M-ND	9.84	80.12
		36 (91.44)	GR	A1KXB-2036G-ND	7.30	59.46
26	Gold	36 (91.44)	MC	A1KXB-2636M-ND	16.23	132.18
		36 (91.44)	GR	A1KXB-2636G-ND	12.84	104.55

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
30	Gold	36 (91.44)	MC	A1KXB-3036M-ND	16.84	137.14
		36 (91.44)	GR	A1KXB-3036G-ND	13.45	109.52
34	Gold	36 (91.44)	MC	A1KXB-3436M-ND	14.00	113.99
		36 (91.44)	GR	A1KXB-3436G-ND	9.17	74.65
40	Gold	36 (91.44)	MC	A1KXB-4036M-ND	21.21	172.66
		36 (91.44)	GR	A1KXB-4036G-ND	15.94	129.77
50	Gold	36 (91.44)	MC	A1KXB-5036M-ND	20.66	168.24
		36 (91.44)	GR	A1KXB-5036G-ND	13.55	110.38
64	Gold	36 (91.44)	MC	A1KXB-6436M-ND	29.34	238.93
		36 (91.44)	GR	A1KXB-6436G-ND	21.24	172.95

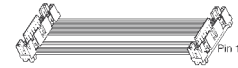
Also available in the following version:

A1RXB-□□□□□-ND — Pin Connector with Strain Relief and Polarizing Key. Note: Also available with 24 contacts.

* Not available with Strain Relief
Call for complete part number and pricing!

Pin Connector to Pin Connector

* MC = Multi-Color
GR = Gray



Pin connector, without strain relief shown.

No. of Con-tacts	Conn. Finish	Length In. (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Gold	6 (15.24)	MC	A3KKB-1006M-ND	9.98	81.30
		6 (15.24)	GR	A3KKB-1006G-ND	9.76	79.47
		18 (45.72)	MC	A3KKB-1018M-ND	10.64	86.66
		18 (45.72)	GR	A3KKB-1018G-ND	9.97	81.15
		36 (91.44)	MC	A3KKB-1036M-ND	11.63	94.68
		36 (91.44)	GR	A3KKB-1036G-ND	10.28	83.68
14	Gold	6 (15.24)	MC	A3KKB-1406M-ND	11.57	94.23
		6 (15.24)	GR	A3KKB-1406G-ND	11.22	91.40
		18 (45.72)	MC	A3KKB-1418M-ND	12.56	102.26
		18 (45.72)	GR	A3KKB-1418G-ND	11.51	93.76
		36 (91.44)	MC	A3KKB-1436M-ND	14.04	114.30
		36 (91.44)	GR	A3KKB-1436G-ND	11.95	97.30
16	Gold	6 (15.24)	MC	A3KKB-1606M-ND	11.50	93.67
		6 (15.24)	GR	A3KKB-1606G-ND	11.14	90.67
		18 (45.72)	MC	A3KKB-1618M-ND	12.55	102.24
		18 (45.72)	GR	A3KKB-1618G-ND	11.47	93.43
		36 (91.44)	MC	A3KKB-1636M-ND	14.14	115.09
		36 (91.44)	GR	A3KKB-163		