



**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	15.05	122.54
		6 (15.24)	GR	A3AAH-6406G-ND	13.19	107.40
		18 (45.72)	MC	A3AAH-6418M-ND	20.48	166.79
		18 (45.72)	GR	A3AAH-6418G-ND	14.90	121.35
		36 (91.44)	MC	A3AAH-6436M-ND	28.63	233.15
		36 (91.44)	GR	A3AAH-6436G-ND	17.47	142.27

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	8.98	73.11
		6 (15.24)	GR	A3AKB-1006G-ND	8.67	70.58
		18 (45.72)	MC	A3AKB-1018M-ND	9.88	80.48
		18 (45.72)	GR	A3AKB-1018G-ND	8.95	72.90
		36 (91.44)	MC	A3AKB-1036M-ND	11.24	91.54
		36 (91.44)	GR	A3AKB-1036G-ND	9.38	76.38
14	Gold	6 (15.24)	MC	A3AKB-1406M-ND	10.77	87.70
		6 (15.24)	GR	A3AKB-1406G-ND	10.29	83.80
		18 (45.72)	MC	A3AKB-1418M-ND	12.13	98.76
		18 (45.72)	GR	A3AKB-1418G-ND	10.69	87.05
		36 (91.44)	MC	A3AKB-1436M-ND	14.17	115.35
		36 (91.44)	GR	A3AKB-1436G-ND	11.29	91.93
16	Gold	6 (15.24)	MC	A3AKB-1606M-ND	10.86	88.46
		6 (15.24)	GR	A3AKB-1606G-ND	10.37	84.41
		18 (45.72)	MC	A3AKB-1618M-ND	12.31	100.26
		18 (45.72)	GR	A3AKB-1618G-ND	10.82	88.12
		36 (91.44)	MC	A3AKB-1636M-ND	14.49	117.95
		36 (91.44)	GR	A3AKB-1636G-ND	11.51	93.69
20	Gold	6 (15.24)	MC	A3AKB-2006M-ND	11.72	95.45
		6 (15.24)	GR	A3AKB-2006G-ND	11.14	90.70
		18 (45.72)	MC	A3AKB-2018M-ND	13.53	110.19
		18 (45.72)	GR	A3AKB-2018G-ND	11.78	95.96
		36 (91.44)	MC	A3AKB-2036M-ND	16.25	132.31
		36 (91.44)	GR	A3AKB-2036G-ND	12.75	103.85
26	Gold	6 (15.24)	MC	A3AKB-2606M-ND	20.28	165.15
		6 (15.24)	GR	A3AKB-2606G-ND	19.50	158.81
		18 (45.72)	MC	A3AKB-2618M-ND	22.64	184.32
		18 (45.72)	GR	A3AKB-2618G-ND	20.30	165.29
		36 (91.44)	MC	A3AKB-2636M-ND	26.17	213.08
		36 (91.44)	GR	A3AKB-2636G-ND	21.49	175.02
30	Gold	6 (15.24)	MC	A3AKB-3006M-ND	21.71	176.76
		6 (15.24)	GR	A3AKB-3006G-ND	20.93	170.42
		18 (45.72)	MC	A3AKB-3018M-ND	24.06	195.93
		18 (45.72)	GR	A3AKB-3018G-ND	21.73	176.91
		36 (91.44)	MC	A3AKB-3036M-ND	27.59	224.69
		36 (91.44)	GR	A3AKB-3036G-ND	22.92	186.64
34	Gold	6 (15.24)	MC	A3AKB-3406M-ND	16.42	133.70
		6 (15.24)	GR	A3AKB-3406G-ND	15.31	124.67
		18 (45.72)	MC	A3AKB-3418M-ND	19.50	158.77
		18 (45.72)	GR	A3AKB-3418G-ND	16.17	131.67
		36 (91.44)	MC	A3AKB-3436M-ND	24.12	196.38
		36 (91.44)	GR	A3AKB-3436G-ND	17.46	142.19
40	Gold	6 (15.24)	MC	A3AKB-4006M-ND	25.87	210.62
		6 (15.24)	GR	A3AKB-4006G-ND	24.66	200.77
		18 (45.72)	MC	A3AKB-4018M-ND	29.49	240.11
		18 (45.72)	GR	A3AKB-4018G-ND	25.86	210.57
		36 (91.44)	MC	A3AKB-4036M-ND	34.92	284.36
		36 (91.44)	GR	A3AKB-4036G-ND	27.66	225.27
50	Gold	6 (15.24)	MC	A3AKB-5006M-ND	24.02	195.63
		6 (15.24)	GR	A3AKB-5006G-ND	22.39	182.35
		18 (45.72)	MC	A3AKB-5018M-ND	28.55	232.50
		18 (45.72)	GR	A3AKB-5018G-ND	23.66	192.65
		36 (91.44)	MC	A3AKB-5036M-ND	35.34	287.81
		36 (91.44)	GR	A3AKB-5036G-ND	25.56	208.11

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!

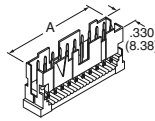
**AMP Pin Connectors**

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	6.47	58.21	111446-3
26		1.872 (47.55)	APK26A-ND	15.57	140.11	111446-6
30		2.072 (52.63)	APK30A-ND	20.93	188.37	111446-7

**Pin Connectors — RoHS Compliant (Strain Reliefs Sold Separately)**

10	30µ" AU	1.072 (27.23)	APK10B-ND	6.65	31.92	1-111446-4
14		1.272 (32.31)	APK14B-ND	7.63	36.62	1-111446-5
16		1.372 (34.85)	APK16B-ND	7.56	36.29	1-111446-6
20		1.572 (39.93)	APK20B-ND	8.12	38.98	1-111446-8
24		1.772 (45.01)	APK24B-ND	11.25	101.21	1-111446-9
26	30µ" AU	1.872 (47.55)	APK26B-ND	15.30	73.42	2-111446-0
30		2.072 (52.63)	APK30B-ND	16.14	77.45	2-111446-1
34		2.272 (57.71)	APK34B-ND	10.05	48.22	2-111446-2
40		2.572 (65.33)	APK40B-ND	18.34	88.03	2-111446-3
50		3.072 (78.03)	APK50B-ND	14.88	71.40	2-111446-7
64		3.772 (95.81)	APK64B-ND	24.12	115.75	2-111446-6

**Strain Reliefs For Pin Connectors — RoHS Compliant**

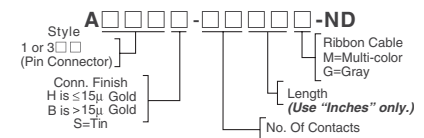
10	—	—	APSR10-ND	7.30	65.69	111547-1
14	—	—	APSR14-ND	6.64	59.73	111547-2
16	—	—	APSR16-ND	5.73	51.54	111547-3
20	—	—	APSR20-ND	5.83	52.51	111547-4
24	—	—	APSR24-ND	4.91	44.20	111547-5
26	—	—	APSR26-ND	4.64	41.75	111547-6
30	—	—	APSR30-ND	4.82	43.39	111547-7
34	—	—	APSR34-ND	5.49	49.40	111547-8
40	—	—	APSR40-ND	5.14	46.22	111547-9
50	—	—	APSR50-ND	5.43	48.88	1-111547-1

Description	Digi-Key Part No.	Pricing		AMP Part No.
		1	10	

<b>Snap-In Polarizer — RoHS Compliant</b>				
For Pin Connectors, Univ. Pin, Pinless Headers and Low Profile Pin Headers	A24195-ND	2.13	19.20	499991-2

**Latch Ejector (2 Required per Connector) — RoHS Compliant**

Short (for Connectors without Strain Relief)	ALSN02-ND	2.56/2	11.83/10	111451-1
Long (for Connectors with Strain Relief)	ALLN02-ND	2.96/2	13.67/10	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	6 (91.44)	MC	A1KXB-1036M-ND	9.37	76.27
		36 (91.44)	GR	A1KXB-1036G-ND	7.51	61.11
14	Gold	6 (91.44)	MC	A1KXB-1436M-ND	11.71	95.31
		36 (91.44)	GR	A1KXB-1436G-ND	8.83	71.89
16	Gold	6 (91.44)	MC	A1KXB-1636M-ND	11.91	96.96
		36 (91.44)	GR	A1KXB-1636G-ND	8.93	72.69
20	Gold	6 (91.44)	MC	A1KXB-2036M-ND	13.55	110.36
		36 (91.44)	GR	A1KXB-2036G-ND	10.06	81.90
26	Gold	6 (91.44)	MC	A1KXB-2636M-ND	22.36	182.06
		36 (91.44)	GR	A1KXB-2636G-ND	17.69	144.01

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	23.20	188.90
		36 (91.44)	GR	A1KXB-3036G-ND	18.53	150.85
34	Gold	36 (91.44)	MC	A1KXB-3436M-ND	19.28	157.01
		36 (91.44)	GR	A1KXB-3436G-ND	12.63	102.82
40	Gold	36 (91.44)	MC	A1KXB-4036M-ND	29.21	237.83
		36 (91.44)	GR	A1KXB-4036G-ND	21.95	178.74
50	Gold	36 (91.44)	MC	A1KXB-5036M-ND	28.46	231.74
		36 (91.44)	GR	A1KXB-5036G-ND	18.67	152.04
64	Gold	36 (91.44)	MC	A1KXB-6436M-ND	40.42	329.10
		36 (91.44)	GR	A1KXB-6436G-ND	29.26	238.22

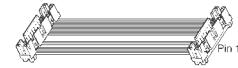
Also available in the following version:

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	13.75	111.99
		6 (15.24)	GR	A3KKB-1006G-ND	13.44	109.46
		18 (45.72)	MC	A3KKB-1018M-ND	14.66	119.36
		18 (45.72)	GR	A3KKB-1018G-ND	13.73	111.78
		36 (91.44)	MC	A3KKB-1036M-ND	16.02	130.42
		36 (91.44)	GR	A3KKB-1036G-ND	14.16	115.26
14	Gold	6 (15.24)	MC	A3KKB-1406M-ND	15.94	129.79
		6 (15.24)	GR	A3KKB-1406G-ND	15.46	125.89
		18 (45.72)	MC	A3KKB-1418M-ND	17.30	140.85
		18 (45.72)	GR	A3KKB-1418G-ND	15.86	129.14
		36 (91.44)	MC	A3KKB-1436M-ND	19.34	157.44