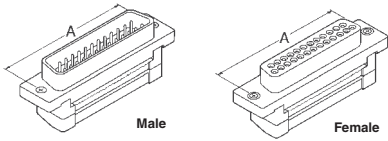




AMP D-Subminiature Connectors

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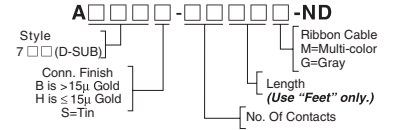


Material and Finish: • Plastic Shell: Housing, Cover and Cable Stabilizer – 94V-0 rated thermoplastic, black • Metal Shell: Front Shell – Steel, tin plated Housing, Cover & Cable Stabilizer – 94V-0 rated thermoplastic, black • Contacts: Phosphor bronze, duplex plated 30µ" gold on mating end, tin-lead on termination end, with entire contact nickel underplated • Threaded Inserts: Brass, unplated • Mounting Holes: Standard – .120" (3.05mm) Diameter

Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476

Certified by Canadian Standards Association., File No. LR 46568

No. of Contacts	Conn. Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
Male					
Plastic Shell					
9	Gold	.984 (24.99)	AMS09B-ND	4.75 22.78	1658615-4
15	Gold	1.312 (33.32)	AMS15B-ND	5.04 24.17	1658615-3
25	Gold	1.852 (47.04)	AMS25B-ND	7.21 34.59	1658615-2
37	Gold	2.500 (63.50)	AMS37B-ND	8.42 40.44	1658615-1
Plastic Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AMV09B-ND	6.25 29.99	1658611-4
15	Gold	1.312 (33.32)	AMV15B-ND	11.54 55.38	1658611-3
25	Gold	1.852 (47.04)	AMV25B-ND	10.27 49.28	1658611-2
Metal Shell					
9	Gold	.984 (24.99)	AMR09B-ND	4.48 21.53	1658613-4
15	Gold	1.312 (33.32)	AMR15B-ND	5.01 24.01	1658613-3
25	Gold	1.852 (47.04)	AMR25B-ND	6.45 30.94	1658613-2
37	Gold	2.500 (63.50)	AMR37B-ND	9.86 47.34	1658613-1
Metal Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AML09B-ND	6.58 31.59	1658608-4
15	Gold	1.312 (33.32)	AML15B-ND	6.65 31.90	1658608-3
25	Gold	1.852 (47.04)	AML25B-ND	7.44 35.69	1658608-2
37	Gold	2.500 (63.50)	AML37B-ND	6.56 31.50	1658608-1
50	Gold	2.406 (61.11)	AMR50B-ND	20.01 96.06	1658607-1
Female					
Plastic Shell					
9	Gold	.984 (24.99)	AFS09B-ND	5.38 25.52	1658614-4
15	Gold	1.312 (33.32)	AFS15B-ND	4.85 23.00	1658614-3
25	Gold	1.852 (47.04)	AFS25B-ND	5.38 25.52	1658614-2
37	Gold	2.500 (63.50)	AFS37B-ND	7.26 34.43	1658614-1
Plastic Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AFV09B-ND	6.22 29.51	1658609-4
15	Gold	1.312 (33.32)	AFV15B-ND	9.39 44.53	1658609-3
25	Gold	1.852 (47.04)	AFV25B-ND	6.95 32.97	1658609-2
37	Gold	2.500 (63.50)	AFV37B-ND	11.36 53.84	1658609-1
Metal Shell					
9	Gold	.984 (24.99)	AFR09B-ND	4.26 20.20	1658612-4
15	Gold	1.312 (33.32)	AFR15B-ND	5.10 24.19	1658612-3
25	Gold	1.852 (47.04)	AFR25B-ND	6.31 29.91	1658612-2
37	Gold	2.500 (63.50)	AFR37B-ND	8.58 40.68	1658612-1
50	Gold	2.406 (61.11)	AFR50B-ND	17.66 83.75	1658606-1
Metal Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AFL09B-ND	6.95 32.97	1658610-4
15	Gold	1.312 (33.32)	AFL15B-ND	7.29 34.56	1658610-3
25	Gold	1.852 (47.04)	AFL25B-ND	9.87 46.79	1658610-2
37	Gold	2.500 (63.50)	AFL37B-ND	9.11 43.20	1658610-1
Cable Strain Relief/Stabilizer					
9	—	—	ADSR09-ND	.32 1.57	747275-4
15	—	—	ADSR15-ND	.39 1.92	747275-3
25	—	—	ADSR25-ND	.50 2.45	747275-2
37	—	—	ADSR37-ND	.62 2.99	747275-1
50	—	—	ADSR50-ND	1.17 5.66	746785-1



AMP D-Subminiature Cable Assemblies



Single Ended — Male

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MXB-0906M-ND	6.84 55.66
	Gold	6 (1.83)	GR	A7MXB-0906G-ND	6.62 53.91
	Gold	10 (3.05)	MC	A7MXB-0910M-ND	7.06 57.45
	Gold	10 (3.05)	GR	A7MXB-0910G-ND	6.69 54.53
15	Gold	6 (1.83)	MC	A7MXB-1506M-ND	9.48 77.22
	Gold	6 (1.83)	GR	A7MXB-1506G-ND	9.11 74.19
	Gold	10 (3.05)	MC	A7MXB-1510M-ND	9.86 80.28
	Gold	10 (3.05)	GR	A7MXB-1510G-ND	9.23 75.21
25	Gold	6 (1.83)	MC	A7MXB-2506M-ND	13.65 111.18
	Gold	6 (1.83)	GR	A7MXB-2506G-ND	13.05 106.31
	Gold	10 (3.05)	MC	A7MXB-2510M-ND	14.29 116.35
	Gold	10 (3.05)	GR	A7MXB-2510G-ND	13.29 108.23
37	Gold	6 (1.83)	MC	A7MXB-3706M-ND	16.42 133.77
	Gold	6 (1.83)	GR	A7MXB-3706G-ND	15.35 124.99
	Gold	10 (3.05)	MC	A7MXB-3710M-ND	17.46 142.17
	Gold	10 (3.05)	GR	A7MXB-3710G-ND	15.66 127.54

Also available in the following configuration:

A7PX□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.

A7VXB-□□□□-ND – Metal Shell with Threaded Insert and Strain Relief.

A7NXB-□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief. Note: Available with 9, 15 and 25 contacts.

Call for complete part number and pricing!

Single Ended — Female

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7FXB-0906M-ND	7.66 62.38
	Gold	6 (1.83)	GR	A7FXB-0906G-ND	7.45 60.62
	Gold	10 (3.05)	MC	A7FXB-0910M-ND	7.88 64.17
	Gold	10 (3.05)	GR	A7FXB-0910G-ND	7.52 61.24
15	Gold	6 (1.83)	MC	A7FXB-1506M-ND	9.17 74.63
	Gold	6 (1.83)	GR	A7FXB-1506G-ND	8.79 71.59
	Gold	10 (3.05)	MC	A7FXB-1510M-ND	9.54 77.69
	Gold	10 (3.05)	GR	A7FXB-1510G-ND	8.92 72.62
25	Gold	6 (1.83)	MC	A7FXB-2506M-ND	10.57 86.08
	Gold	6 (1.83)	GR	A7FXB-2506G-ND	9.97 81.20
	Gold	10 (3.05)	MC	A7FXB-2510M-ND	11.20 91.24
	Gold	10 (3.05)	GR	A7FXB-2510G-ND	10.21 83.12
37	Gold	6 (1.83)	MC	A7FXB-3706M-ND	14.46 117.75
	Gold	6 (1.83)	GR	A7FXB-3706G-ND	13.38 108.97
	Gold	10 (3.05)	MC	A7FXB-3710M-ND	15.50 126.15
	Gold	10 (3.05)	GR	A7FXB-3710G-ND	13.69 111.53

Also available in the following configuration:

A7SX□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.

A7WXB-□□□□-ND – Metal Shell with Threaded Insert and Strain Relief.

A7OXB-□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief.

Call for complete part number and pricing!

Male to Male

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MMB-0906M-ND	13.34 108.64
	Gold	6 (1.83)	GR	A7MMB-0906G-ND	13.13 106.88
	Gold	10 (3.05)	MC	A7MMB-0910M-ND	13.57 110.43
	Gold	10 (3.05)	GR	A7MMB-0910G-ND	13.21 107.51

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
15	Gold	6 (1.83)	MC	A7MMB-1506M-ND	18.40 149.86
	Gold	6 (1.83)	GR	A7MMB-1506G-ND	18.03 146.82
	Gold	10 (3.05)	MC	A7MMB-1510M-ND	18.78 152.92
	Gold	10 (3.05)	GR	A7MMB-1510G-ND	18.15 147.85
25	Gold	6 (1.83)	MC	A7MMB-2506M-ND	26.35 214.63
	Gold	6 (1.83)	GR	A7MMB-2506G-ND	25.76 209.75
	Gold	10 (3.05)	MC	A7MMB-2510M-ND	26.99 219.79
	Gold	10 (3.05)	GR	A7MMB-2510G-ND	25.99 211.67
37	Gold	6 (1.83)	MC	A7MMB-3706M-ND	31.31 254.93
	Gold	6 (1.83)	GR	A7MMB-3706G-ND	30.23 246.17
	Gold	10 (3.05)	MC	A7MMB-3710M-ND	32.34 263.34
	Gold	10 (3.05)	GR	A7MMB-3710G-ND	30.54 248.71

Also available in the following configuration:

A7PP□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.

A7VVB-□□□□-ND – Metal Shell with Threaded Insert and Strain Relief.

A7NNB-□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief. Call for complete part number and pricing!

Female to Female

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7FFB-0906M-ND	14.99 122.07
	Gold	6 (1.83)	GR	A7FFB-0906G-ND	14.77 120.32
	Gold	10 (3.05)	MC	A7FFB-0910M-ND	15.22 123.86
	Gold	10 (3.05)	GR	A7FFB-0910G-ND	14.85 120.94
15	Gold	6 (1.83)	MC	A7FFB-1506M-ND	17.77 144.69
	Gold	6 (1.83)	GR	A7FFB-1506G-ND	17.39 141.65
	Gold	10 (3.05)	MC	A7FFB-1510M-ND	18.15 147.74
	Gold	10 (3.05)	GR	A7FFB-1510G-ND	17.52 142.68
25	Gold	6 (1.83)	MC	A7FFB-2506M-ND	20.19 164.40
	Gold	6 (1.83)	GR	A7FFB-2506G-ND	19.60 159.54
	Gold	10 (3.05)	MC	A7FFB-2510M-ND	20.82 169.57
	Gold	10 (3.05)	GR	A7FFB-2510G-ND	19.83 161.45
37	Gold	6 (1.83)	MC	A7FFB-3706M-ND	27.37 222.90
	Gold	6 (1.83)	GR	A7FFB-3706G-ND	26.30 214.13
	Gold	10 (3.05)	MC	A7FFB-3710M-ND	28.40 231.30
	Gold	10 (3.05)	GR	A7FFB-3710G-ND	26.61 216.68

Also available in the following configuration:

A7SS□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.

A7WVB-□□□□-ND – Metal Shell with Threaded Insert and Strain Relief.

A7OVB-□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief. Call for complete part number and pricing!

Male to Female

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MFB-0906M-ND	14.17 115.36
	Gold	6 (1.83)	GR	A7MFB-0906G-ND	13.95 113.60
	Gold	10 (3.05)	MC	A7MFB-0910M-ND	14.39 117.15
	Gold	10 (3.05)	GR	A7MFB-0910G-ND	14.03 114.22
15	Gold	6 (1.83)	MC	A7MFB-1506M-ND	18.09 147.28
	Gold	6 (1.83)	GR	A7MFB-1506G-ND	17.71 144.23
	Gold	10 (3.05)	MC	A7MFB-1510M-ND	18.46 150.33
	Gold	10 (3.05)	GR	A7MFB-1510G-ND	17.84 145.27
25	Gold	6 (1.83)	MC	A7MFB-2506M-ND	23.27 189.52
	Gold	6 (1.83)	GR	A7MFB-2506G-ND	22.68 184.65
	Gold	10 (3.05)	MC	A7MFB-2510M-ND	23.91 194.68
	Gold	10 (3.05)	GR	A7MFB-2510G-ND	22.91 186.55
37	Gold	6 (1.83)	MC	A7MFB-3706M-ND	29.34 238.92
	Gold	6 (1.83)	GR	A7MFB-3706G-ND	28.26 230.14
	Gold	10 (3.05)	MC	A7MFB-3710M-ND	30.37 247.32
	Gold	10 (3.05)	GR	A7MFB-3710G-ND	28.57 232.70

Also available in the following configuration:

A7PS□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.