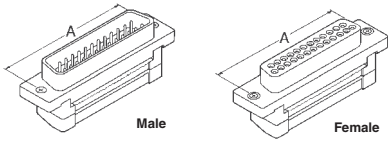




AMP D-Subminiature Connectors

A

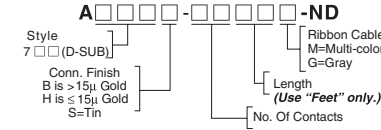


Material and Finish: • Plastic Shell: Housing, Cover and Cable Stabilizer – 94V-0 rated thermoplastic, black • Metal Shell: Front Shell – Steel, tin plated Housing, Cover & Cable Stabilizer – 94V-0 rated thermoplastic, black • Contacts: Phosphor bronze, duplex plated 30µ" gold on mating end, tin-lead 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	8.09 38.83	1658615-4
15		1.312 (33.32)	AMS15B-ND	9.42 45.22	1658615-3
25		1.852 (47.04)	AMS25B-ND	11.75 56.39	1658615-2
37		2.500 (63.50)	AMS37B-ND	16.07 77.14	1658615-1
Plastic Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AMV09B-ND	10.42 50.00	1658611-4
15		1.312 (33.32)	AMV15B-ND	13.77 66.08	1658611-3
25		1.852 (47.04)	AMV25B-ND	20.64 99.05	1658611-2
Metal Shell					
9	Gold	.984 (24.99)	AMR09B-ND	8.76 42.03	1658613-4
15		1.312 (33.32)	AMR15B-ND	9.97 47.88	1658613-3
25		1.852 (47.04)	AMR25B-ND	12.41 59.58	1658613-2
37		2.500 (63.50)	AMR37B-ND	16.62 79.80	1658613-1
Metal Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AML09B-ND	10.97 52.66	1658608-4
15		1.312 (33.32)	AML15B-ND	12.30 59.05	1658608-3
25		1.852 (47.04)	AML25B-ND	14.74 70.75	1658608-2
37		2.406 (61.11)	AMR50B-ND	29.30 140.62	1658607-1
Female					
Plastic Shell					
9	Gold	.984 (24.99)	AFS09B-ND	8.24 39.10	1658614-4
15		1.312 (33.32)	AFS15B-ND	9.42 44.68	1658614-3
25		1.852 (47.04)	AFS25B-ND	11.75 55.72	1658614-2
37		2.500 (63.50)	AFS37B-ND	16.07 76.22	1658614-1
Plastic Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AFV09B-ND	10.62 50.35	1658609-4
15		1.312 (33.32)	AFV15B-ND	14.45 68.54	1658609-3
25		1.852 (47.04)	AFV25B-ND	14.07 66.76	1658609-2
37		2.500 (63.50)	AFV37B-ND	25.87 122.70	1658609-1
Metal Shell					
9	Gold	.984 (24.99)	AFR09B-ND	8.92 42.32	1658612-4
15		1.312 (33.32)	AFR15B-ND	9.97 47.31	1658612-3
25		1.852 (47.04)	AFR25B-ND	12.41 58.87	1658612-2
37		2.500 (63.50)	AFR37B-ND	16.62 78.85	1658612-1
50		2.406 (61.11)	AFR50B-ND	30.35 143.92	1658606-1
Metal Shell With Threaded Inserts					
9	Gold	.984 (24.99)	AFL09B-ND	11.18 53.03	1658610-4
15		1.312 (33.32)	AFL15B-ND	12.30 58.35	1658610-3
25		1.852 (47.04)	AFL25B-ND	14.74 69.91	1658610-2
37		2.500 (63.50)	AFL37B-ND	18.84 89.36	1658610-1
Cable Strain Relief/Stabilizer					
9	—	—	ADSR09-ND	.49 2.40	747275-4
15	—	—	ADSR15-ND	.56 2.70	747275-3
25	—	—	ADSR25-ND	.65 3.16	747275-2
37	—	—	ADSR37-ND	.74 3.60	747275-1
50	—	—	ADSR50-ND	1.54 7.50	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	9.41 76.62
		6 (1.83)	GR	A7MXB-0906G-ND	9.06 73.74
		10 (3.05)	MC	A7MXB-0910M-ND	9.73 79.23
		10 (3.05)	GR	A7MXB-0910G-ND	9.14 74.43
15	Gold	6 (1.83)	MC	A7MXB-1506M-ND	11.05 90.01
		6 (1.83)	GR	A7MXB-1506G-ND	10.59 86.22
		10 (3.05)	MC	A7MXB-1510M-ND	11.51 93.70
		10 (3.05)	GR	A7MXB-1510G-ND	10.73 87.37
25	Gold	6 (1.83)	MC	A7MXB-2506M-ND	14.03 114.20
		6 (1.83)	GR	A7MXB-2506G-ND	13.29 108.21
		10 (3.05)	MC	A7MXB-2510M-ND	14.78 120.35
		10 (3.05)	GR	A7MXB-2510G-ND	13.55 110.36
37	Gold	6 (1.83)	MC	A7MXB-3706M-ND	19.29 157.11
		6 (1.83)	GR	A7MXB-3706G-ND	18.01 146.66
		10 (3.05)	MC	A7MXB-3710M-ND	20.50 166.94
		10 (3.05)	GR	A7MXB-3710G-ND	18.36 149.52

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	9.57 77.92
		6 (1.83)	GR	A7FXB-0906G-ND	9.22 75.04
		10 (3.05)	MC	A7FXB-0910M-ND	9.89 80.54
		10 (3.05)	GR	A7FXB-0910G-ND	9.30 75.74
15	Gold	6 (1.83)	MC	A7FXB-1506M-ND	11.05 90.01
		6 (1.83)	GR	A7FXB-1506G-ND	10.59 86.22
		10 (3.05)	MC	A7FXB-1510M-ND	11.51 93.70
		10 (3.05)	GR	A7FXB-1510G-ND	10.73 87.37
25	Gold	6 (1.83)	MC	A7FXB-2506M-ND	14.03 114.20
		6 (1.83)	GR	A7FXB-2506G-ND	13.29 108.21
		10 (3.05)	MC	A7FXB-2510M-ND	14.78 120.35
		10 (3.05)	GR	A7FXB-2510G-ND	13.55 110.36
37	Gold	6 (1.83)	MC	A7FXB-3706M-ND	19.29 157.11
		6 (1.83)	GR	A7FXB-3706G-ND	18.01 146.66
		10 (3.05)	MC	A7FXB-3710M-ND	20.50 166.94
		10 (3.05)	GR	A7FXB-3710G-ND	18.36 149.52

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	18.34 149.31
		6 (1.83)	GR	A7MMB-0906G-ND	17.98 146.43
		10 (3.05)	MC	A7MMB-0910M-ND	18.66 151.93
		10 (3.05)	GR	A7MMB-0910G-ND	18.07 147.13
15	Gold	6 (1.83)	MC	A7MMB-1506M-ND	21.43 174.49

No. of Contacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
15	Gold	6 (1.83)	GR	A7MMB-1506G-ND	20.96 170.70
		10 (3.05)	MC	A7MMB-1510M-ND	21.88 178.18
		10 (3.05)	GR	A7MMB-1510G-ND	21.10 171.85
25	Gold	6 (1.83)	MC	A7MMB-2506M-ND	26.92 219.19
		6 (1.83)	GR	A7MMB-2506G-ND	26.18 213.20
		10 (3.05)	MC	A7MMB-2510M-ND	27.67 225.34
37	Gold	6 (1.83)	MC	A7MMB-2510G-ND	26.45 215.35
		6 (1.83)	GR	A7MMB-3706M-ND	36.78 299.47
		6 (1.83)	GR	A7MMB-3706G-ND	35.49 289.02
		10 (3.05)	MC	A7MMB-3710M-ND	37.98 309.30
		10 (3.05)	GR	A7MMB-3710G-ND	35.85 291.88

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	18.66 151.92
		6 (1.83)	GR	A7FFB-0906G-ND	18.30 149.04
		10 (3.05)	MC	A7FFB-0910M-ND	18.98 154.54
		10 (3.05)	GR	A7FFB-0910G-ND	18.39 149.74
15	Gold	6 (1.83)	MC	A7FFB-1506M-ND	21.43 174.49
		6 (1.83)	GR	A7FFB-1506G-ND	20.96 170.70
		10 (3.05)	MC	A7FFB-1510M-ND	21.88 178.18
		10 (3.05)	GR	A7FFB-1510G-ND	21.10 171.85
25	Gold	6 (1.83)	MC	A7FFB-2506M-ND	26.92 219.19
		6 (1.83)	GR	A7FFB-2506G-ND	26.18 213.20
		10 (3.05)	MC	A7FFB-2510M-ND	27.67 225.34
		10 (3.05)	GR	A7FFB-2510G-ND	26.45 215.35
37	Gold	6 (1.83)	MC	A7FFB-3706M-ND	36.78 299.47
		6 (1.83)	GR	A7FFB-3706G-ND	35.49 289.02
		10 (3.05)	MC	A7FFB-3710M-ND	37.98 309.30
		10 (3.05)	GR	A7FFB-3710G-ND	35.85 291.88

Also available in the following configuration:

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

A7WWB-□□□□-ND – Metal Shell with Threaded Insert and Strain Relief.

A7O0B-□□□□-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	18.50 150.62
		6 (1.83)	GR	A7MFB-0906G-ND	18.14 147.74
		10 (3.05)	MC	A7MFB-0910M-ND	18.82 153.23
		10 (3.05)	GR	A7MFB-0910G-ND	18.23 148.43
		6 (1.83)	MC	A7MFB-1506M-ND	21.43 174.49
		6 (1.83)	GR	A7MFB-1506G-ND	20.96 170.70
		10 (3.05)	MC	A7MFB-1510M-ND	21.88 178.18
		10 (3.05)	GR	A7MFB-1510G-ND	21.10 171.85
		25	Gold	6 (1.83)	MC
6 (1.83)	GR			A7MFB-2506G-ND	26.18 213.20
10 (3.05)	MC			A7MFB-2510M-ND	27.67 225.34
10 (3.05)	GR			A7MFB-2510G-ND	26.45 215.35
37	Gold	6 (1.83)	MC	A7MFB-3706M-ND	36.78 299.47
		6 (1.83)	GR	A7MFB-3706G-ND	35.49 289.02
		10 (3.05)	MC	A7MFB-3710M-ND	37.98 309.30
		10 (3.05)	GR	A7MFB-3710G-ND	35.85 291.88

Also available in the following configuration:

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

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

A7NOB-□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief.

Call for complete part number and pricing!

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