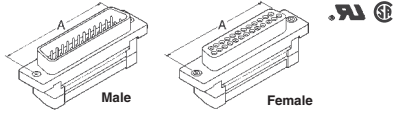




**D-Subminiature Connectors**



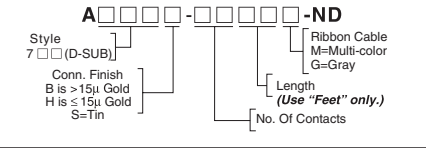
**Material and Finish:** • Plastic Shell: Housing, Cover and Cable Stabilizer – 94V-0 rated thermoplastic, black • Metal Shell: Front Shell – Steel, tin plated Housing, Cover & Cable Stabilizer – 94V-0 rated thermoplastic, black • Contacts: Phosphor bronze, duplex plated 30µ" gold on mating end, tin-lead 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 Con-tacts	Con-tact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
<b>Male</b>					
<b>Plastic Shell</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AMS09B-ND	7.72 37.07	1658615-4
15		1.312 (33.32)	AMS15B-ND	8.99 43.17	1658615-3
25		1.852 (47.04)	AMS25B-ND	11.21 53.83	1658615-2
37		2.500 (63.50)	AMS37B-ND	15.34 73.64	1658615-1
<b>Plastic Shell With Threaded Inserts</b>					
15	Gold	1.312 (33.32)	AMV15K-ND	10.78 51.75	747053-3
<b>Plastic Shell With Threaded Inserts</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AMV09B-ND	9.94 47.74	1658611-4
15		1.312 (33.32)	AMV15B-ND	13.77 66.08	1658611-3
25		1.852 (47.04)	AMV25B-ND	19.74 94.74	1658611-2
<b>Metal Shell</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AMR09B-ND	8.36 40.12	1658613-4
15		1.312 (33.32)	AMR15B-ND	9.52 45.70	1658613-3
25		1.852 (47.04)	AMR25B-ND	11.85 56.88	1658613-2
37		2.500 (63.50)	AMR37B-ND	15.87 76.17	1658613-1
<b>Metal Shell With Threaded Inserts</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AML09B-ND	10.47 50.28	1658608-4
15		1.312 (33.32)	AML15B-ND	11.74 56.37	1658608-3
25		1.852 (47.04)	AML25B-ND	14.07 67.54	1658608-2
37		2.500 (63.50)	AML37B-ND	17.99 86.33	1658608-1
50		2.406 (61.11)	AMR50B-ND	27.83 133.56	1658607-1
<b>Female</b>					
<b>Plastic Shell</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AFS09B-ND	7.87 37.33	1658614-4
15		1.312 (33.32)	AFS15B-ND	8.99 42.65	1658614-3
25		1.852 (47.04)	AFS25B-ND	11.21 53.19	1658614-2
37		2.500 (63.50)	AFS37B-ND	15.34 72.76	1658614-1
<b>Plastic Shell With Threaded Inserts</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AFV09B-ND	10.13 48.07	1658609-4
15		1.312 (33.32)	AFV15B-ND	13.77 65.30	1658609-3
25		1.852 (47.04)	AFV25B-ND	13.44 63.73	1658609-2
37		2.500 (63.50)	AFV37B-ND	24.65 116.89	1658609-1
<b>Metal Shell</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AFR09B-ND	8.52 40.40	1658612-4
15		1.312 (33.32)	AFR15B-ND	9.52 45.16	1658612-3
25		1.852 (47.04)	AFR25B-ND	11.85 56.20	1658612-2
37		2.500 (63.50)	AFR37B-ND	15.87 75.27	1658612-1
50		2.406 (61.11)	AFR50B-ND	28.88 136.95	1658606-1
<b>Metal Shell With Threaded Inserts</b>					
37	Gold	2.500 (63.50)	AFL37K-ND	19.02 91.30	747052-1
<b>Metal Shell With Threaded Inserts</b>					
<b>RoHS Compliant</b>					
9	Gold	.984 (24.99)	AFL09B-ND	10.67 50.62	1658610-4
15		1.312 (33.32)	AFL15B-ND	11.74 55.70	1658610-3
25		1.852 (47.04)	AFL25B-ND	14.07 66.74	1658610-2
37		2.500 (63.50)	AFL37B-ND	17.99 85.30	1658610-1

No. of Con-tacts	Con-tact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 10	AMP Part No.
<b>Cable Strain Relief/Stabilizer – RoHS Compliant</b>					
9		—	ADSR09-ND	.47 2.28	747275-4
15		—	ADSR15-ND	.53 2.57	747275-3
25		—	ADSR25-ND	.62 3.00	747275-2
37		—	ADSR37-ND	.71 3.43	747275-1
50		—	ADSR50-ND	1.47 7.14	746785-1



**D-Subminiature Cable Assemblies**

**Single Ended — Male**

\* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown

No. of Con-tacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MXB-0906M-ND	8.94 72.79
		6 (1.83)	GR	A7MXB-0906G-ND	8.64 70.31
		10 (3.05)	MC	A7MXB-0910M-ND	9.22 75.05
		10 (3.05)	GR	A7MXB-0910G-ND	8.71 70.93
15	Gold	6 (1.83)	MC	A7MXB-1506M-ND	10.49 85.43
		6 (1.83)	GR	A7MXB-1506G-ND	10.09 82.18
		10 (3.05)	MC	A7MXB-1510M-ND	10.88 88.62
		10 (3.05)	GR	A7MXB-1510G-ND	10.22 83.21
25	Gold	6 (1.83)	MC	A7MXB-2506M-ND	13.28 108.14
		6 (1.83)	GR	A7MXB-2506G-ND	12.62 102.79
		10 (3.05)	MC	A7MXB-2510M-ND	13.93 113.42
		10 (3.05)	GR	A7MXB-2510G-ND	12.83 104.50
37	Gold	6 (1.83)	MC	A7MXB-3706M-ND	18.17 148.00
		6 (1.83)	GR	A7MXB-3706G-ND	17.16 139.70
		10 (3.05)	MC	A7MXB-3710M-ND	19.17 156.07
		10 (3.05)	GR	A7MXB-3710G-ND	17.47 142.24

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 Con-tacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7FXB-0906M-ND	9.09 74.03
		6 (1.83)	GR	A7FXB-0906G-ND	8.79 71.56
		10 (3.05)	MC	A7FXB-0910M-ND	9.37 76.30
		10 (3.05)	GR	A7FXB-0910G-ND	8.86 72.18
15	Gold	6 (1.83)	MC	A7FXB-1506M-ND	10.49 85.43
		6 (1.83)	GR	A7FXB-1506G-ND	10.09 82.18
		10 (3.05)	MC	A7FXB-1510M-ND	10.88 88.62
		10 (3.05)	GR	A7FXB-1510G-ND	10.22 83.21
25	Gold	6 (1.83)	MC	A7FXB-2506M-ND	13.28 108.14
		6 (1.83)	GR	A7FXB-2506G-ND	12.62 102.79
		10 (3.05)	MC	A7FXB-2510M-ND	13.93 113.42
		10 (3.05)	GR	A7FXB-2510G-ND	12.83 104.50
37	Gold	6 (1.83)	MC	A7FXB-3706M-ND	18.17 148.00
		6 (1.83)	GR	A7FXB-3706G-ND	17.16 139.70
		10 (3.05)	MC	A7FXB-3710M-ND	19.17 156.07
		10 (3.05)	GR	A7FXB-3710G-ND	17.47 142.24

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 Con-tacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MMB-0906M-ND	17.46 142.17
		6 (1.83)	GR	A7MMB-0906G-ND	17.16 139.70
		10 (3.05)	MC	A7MMB-0910M-ND	17.74 144.44
		10 (3.05)	GR	A7MMB-0910G-ND	17.23 140.32
15	Gold	6 (1.83)	MC	A7MMB-1506M-ND	20.39 166.06
		6 (1.83)	GR	A7MMB-1506G-ND	20.00 162.82
		10 (3.05)	MC	A7MMB-1510M-ND	20.79 169.25
		10 (3.05)	GR	A7MMB-1510G-ND	20.12 163.85
25	Gold	6 (1.83)	MC	A7MMB-2506M-ND	25.59 208.35
		6 (1.83)	GR	A7MMB-2506G-ND	24.93 203.00
		10 (3.05)	MC	A7MMB-2510M-ND	26.24 213.63
		10 (3.05)	GR	A7MMB-2510G-ND	25.14 204.71
37	Gold	6 (1.83)	MC	A7MMB-3706M-ND	34.86 283.88
		6 (1.83)	GR	A7MMB-3706G-ND	33.84 275.59
		10 (3.05)	MC	A7MMB-3710M-ND	35.85 291.96
		10 (3.05)	GR	A7MMB-3710G-ND	34.16 278.13

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 Con-tacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7FFB-0906M-ND	17.77 144.66
		6 (1.83)	GR	A7FFB-0906G-ND	17.46 142.19
		10 (3.05)	MC	A7FFB-0910M-ND	18.04 146.93
		10 (3.05)	GR	A7FFB-0910G-ND	17.54 142.81
15	Gold	6 (1.83)	MC	A7FFB-1506M-ND	20.39 166.06
		6 (1.83)	GR	A7FFB-1506G-ND	20.00 162.82
		10 (3.05)	MC	A7FFB-1510M-ND	20.79 169.25
		10 (3.05)	GR	A7FFB-1510G-ND	20.12 163.85
25	Gold	6 (1.83)	MC	A7FFB-2506M-ND	25.59 208.35
		6 (1.83)	GR	A7FFB-2506G-ND	24.93 203.00
		10 (3.05)	MC	A7FFB-2510M-ND	26.24 213.63
		10 (3.05)	GR	A7FFB-2510G-ND	25.14 204.71
37	Gold	6 (1.83)	MC	A7FFB-3706M-ND	34.86 283.88
		6 (1.83)	GR	A7FFB-3706G-ND	33.84 275.59
		10 (3.05)	MC	A7FFB-3710M-ND	35.85 291.96
		10 (3.05)	GR	A7FFB-3710G-ND	34.16 278.13

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 Con-tacts	Conn. Finish	Length Feet (Meters)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
9	Gold	6 (1.83)	MC	A7MFB-0906M-ND	17.61 143.42
		6 (1.83)	GR	A7MFB-0906G-ND	17.31 140.95
		10 (3.05)	MC	A7MFB-0910M-ND	17.89 145.68
		10 (3.05)	GR	A7MFB-0910G-ND	17.39 141.57
15	Gold	6 (1.83)	MC	A7MFB-1506M-ND	20.39 166.06
		6 (1.83)	GR	A7MFB-1506G-ND	20.00 162.82
		10 (3.05)	MC	A7MFB-1510M-ND	20.79 169.25
		10 (3.05)	GR	A7MFB-1510G-ND	20.12 163.85
25	Gold	6 (1.83)	MC	A7MFB-2506M-ND	25.59 208.35
		6 (1.83)	GR	A7MFB-2506G-ND	24.93 203.00
		10 (3.05)	MC	A7MFB-2510M-ND	26.24 213.63
		10 (3.05)	GR	A7MFB-2510G-ND	25.14 204.71
37	Gold	6 (1.83)	MC	A7MFB-3706M-ND	34.86 283.88
		6 (1.83)	GR	A7MFB-3706G-ND	33.84 275.59
		10 (3.05)	MC	A7MFB-3710M-ND	35.85 291.96
		10 (3.05)	GR	A7MFB-3710G-ND	34.16 278.13

Also available in the following configuration:

- A7PS□-□□□□-ND – With Metal Shell Connector and Strain Relief. Note: Also available with 50 contacts.
- A7VWB-□□□□-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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