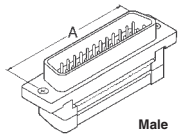
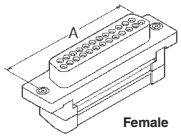
Tyco Electronics
Authorized Distributor

RoHS COMPLIANT

A

AMP 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 Contacts	Contact Finish	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1	Pricing 10	AMP Part No.
Male						
Plastic Shell						
9	Gold	.984 (24.99)	AMS09B-ND	5.87	28.19	1658615-4
15		1.312 (33.32)	AMS15B-ND	6.84	32.83	1658615-3
25		1.852 (47.04)	AMS25B-ND	8.53	40.94	1658615-2
37		2.500 (63.50)	AMS37B-ND	11.67	56.00	1658615-1
Plastic Shell With Threaded Inserts						
9	Gold	.984 (24.99)	AMV09B-ND	7.56	36.30	1658611-4
15		1.312 (33.32)	AMV15B-ND	10.00	47.97	1658611-3
25		1.852 (47.04)	AMV25B-ND	14.98	71.91	1658611-2
Metal Shell						
9	Gold	.984 (24.99)	AMR09B-ND	6.36	30.51	1658613-4
15		1.312 (33.32)	AMR15B-ND	7.24	34.76	1658613-3
25		1.852 (47.04)	AMR25B-ND	9.01	43.26	1658613-2
37		2.500 (63.50)	AMR37B-ND	12.07	57.93	1658613-1
Metal Shell With Threaded Inserts						
9	Gold	.984 (24.99)	AML09B-ND	7.96	38.23	1658608-4
15		1.312 (33.32)	AML15B-ND	8.93	42.87	1658608-3
25		1.852 (47.04)	AML25B-ND	10.70	51.36	1658608-2
37		2.500 (63.50)	AML37B-ND	13.68	65.65	1658608-1
50		2.406 (61.11)	AMR50B-ND	21.27	102.09	1658607-1
Female						
Plastic Shell						
9	Gold	.984 (24.99)	AFS09B-ND	5.98	28.39	1658614-4
15		1.312 (33.32)	AFS15B-ND	6.84	32.44	1658614-3
25		1.852 (47.04)	AFS25B-ND	8.53	40.45	1658614-2
37		2.500 (63.50)	AFS37B-ND	11.67	55.34	1658614-1
Plastic Shell With Threaded Inserts						
9	Gold	.984 (24.99)	AFV09B-ND	7.71	36.55	1658609-4
15		1.312 (33.32)	AFV15B-ND	10.49	49.76	1658609-3
25		1.852 (47.04)	AFV25B-ND	10.21	48.47	1658609-2
37		2.500 (63.50)	AFV37B-ND	18.78	89.08	1658609-1
Metal Shell						
9	Gold	.984 (24.99)	AFR09B-ND	6.48	30.72	1658612-4
15		1.312 (33.32)	AFR15B-ND	7.24	34.35	1658612-3
25		1.852 (47.04)	AFR25B-ND	9.01	42.74	1658612-2
37		2.500 (63.50)	AFR37B-ND	12.07	57.25	1658612-1
50		2.406 (61.11)	AFR50B-ND	22.03	104.49	1658606-1
Metal Shell With Threaded Inserts						
9	Gold	.984 (24.99)	AFL09B-ND	8.12	38.50	1658610-4
15		1.312 (33.32)	AFL15B-ND	8.93	42.36	1658610-3
25		1.852 (47.04)	AFL25B-ND	10.70	50.75	1658610-2
37		2.500 (63.50)	AFL37B-ND	13.68	64.88	1658610-1
Cable Strain Relief/Stabilizer						
9	—	—	ADSR09-ND	.36	1.74	747275-4
15		—	ADSR15-ND	.41	1.96	747275-3
25		—	ADSR25-ND	.47	2.29	747275-2
37		—	ADSR37-ND	.54	2.61	747275-1
50		—	ADSR50-ND	1.12	5.45	746785-1

A□□□□-□□□□□-ND

- Style: 7□□ (D-SUB)
- Conn. Finish: B is >15µ Gold; H is ≤ 15µ Gold; S=Tin
- Ribbon Cable: M=Multi-color; G=Gray
- Length *(Use "Feet" only.)*
- No. Of Contacts

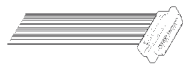
AMP D-Subminiature Cable Assemblies

RoHS COMPLIANT

Single Ended — Male

* MC = Multi-Color, GR = Gray

Plastic shell with strain relief shown



No. of Contacts	Conn. Finish	Length Feet (Meters)	Ribbon* Cable	Digi-Key Part No.	Pricing 1	Pricing 10
9	Gold	6 (1.83)	MC	A7MXB-0906M-ND	6.83	55.63
		6 (1.83)	GR	A7MXB-0906G-ND	6.58	53.54
		10 (3.05)	MC	A7MXB-0910M-ND	7.06	57.52
		10 (3.05)	GR	A7MXB-0910G-ND	6.64	54.04
15	Gold	6 (1.83)	MC	A7MXB-1506M-ND	8.02	65.35
		6 (1.83)	GR	A7MXB-1506G-ND	7.69	62.60
		10 (3.05)	MC	A7MXB-1510M-ND	8.36	68.03
		10 (3.05)	GR	A7MXB-1510G-ND	7.79	63.43
25	Gold	6 (1.83)	MC	A7MXB-2506M-ND	10.19	82.91
		6 (1.83)	GR	A7MXB-2506G-ND	9.65	78.56
		10 (3.05)	MC	A7MXB-2510M-ND	10.73	87.37
		10 (3.05)	GR	A7MXB-2510G-ND	9.84	80.12
37	Gold	6 (1.83)	MC	A7MXB-3706M-ND	14.00	114.06
		6 (1.83)	GR	A7MXB-3706G-ND	13.08	106.48
		10 (3.05)	MC	A7MXB-3710M-ND	14.88	121.20
		10 (3.05)	GR	A7MXB-3710G-ND	13.33	108.55

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.

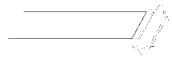
A7NXB-□□□□□-ND – Plastic Shell with Threaded Insert and Strain Relief. Note: Available with 9, 15 and 25 contacts.

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)	Ribbon* Cable	Digi-Key Part No.	Pricing 1	Pricing 10
9	Gold	6 (1.83)	MC	A7FXB-0906M-ND	6.95	56.57
		6 (1.83)	GR	A7FXB-0906G-ND	6.69	54.48
		10 (3.05)	MC	A7FXB-0910M-ND	7.18	58.47
		10 (3.05)	GR	A7FXB-0910G-ND	6.75	54.99
15	Gold	6 (1.83)	MC	A7FXB-1506M-ND	8.02	65.35
		6 (1.83)	GR	A7FXB-1506G-ND	7.69	62.60
		10 (3.05)	MC	A7FXB-1510M-ND	8.36	68.03
		10 (3.05)	GR	A7FXB-1510G-ND	7.79	63.43
25	Gold	6 (1.83)	MC	A7FXB-2506M-ND	10.19	82.91
		6 (1.83)	GR	A7FXB-2506G-ND	9.65	78.56
		10 (3.05)	MC	A7FXB-2510M-ND	10.73	87.37
		10 (3.05)	GR	A7FXB-2510G-ND	9.84	80.12
37	Gold	6 (1.83)	MC	A7FXB-3706M-ND	14.00	114.06
		6 (1.83)	GR	A7FXB-3706G-ND	13.08	106.48
		10 (3.05)	MC	A7FXB-3710M-ND	14.88	121.20
		10 (3.05)	GR	A7FXB-3710G-ND	13.33	108.55

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)	Ribbon* Cable	Digi-Key Part No.	Pricing 1	Pricing 10
9	Gold	6 (1.83)	MC	A7MMB-0906M-ND	13.31	108.40
		6 (1.83)	GR	A7MMB-0906G-ND	13.05	106.31
		10 (3.05)	MC	A7MMB-0910M-ND	13.55	110.30
		10 (3.05)	GR	A7MMB-0910G-ND	13.12	106.82
15	Gold	6 (1.83)	MC	A7MMB-1506M-ND	15.56	126.68
		6 (1.83)	GR	A7MMB-1506G-ND	15.22	123.93
		10 (3.05)	MC	A7MMB-1510M-ND	15.88	129.36
		10 (3.05)	GR	A7MMB-1510G-ND	15.32	124.76
25	Gold	6 (1.83)	MC	A7MMB-2506M-ND	19.54	159.13
		6 (1.83)	GR	A7MMB-2506G-ND	19.01	154.78
		10 (3.05)	MC	A7MMB-2510M-ND	20.09	163.60
		10 (3.05)	GR	A7MMB-2510G-ND	19.20	156.34
37	Gold	6 (1.83)	MC	A7MMB-3706M-ND	26.70	217.42
		6 (1.83)	GR	A7MMB-3706G-ND	25.77	209.83
		10 (3.05)	MC	A7MMB-3710M-ND	27.57	224.55
		10 (3.05)	GR	A7MMB-3710G-ND	26.03	211.90

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)	Ribbon* Cable	Digi-Key Part No.	Pricing 1	Pricing 10
9	Gold	6 (1.83)	MC	A7FFB-0906M-ND	13.55	110.29
		6 (1.83)	GR	A7FFB-0906G-ND	13.29	108.20
		10 (3.05)	MC	A7FFB-0910M-ND	13.78	112.20
		10 (3.05)	GR	A7FFB-0910G-ND	13.35	108.71
15	Gold	6 (1.83)	MC	A7FFB-1506M-ND	15.56	126.68
		6 (1.83)	GR	A7FFB-1506G-ND	15.22	123.93
		10 (3.05)	MC	A7FFB-1510M-ND	15.88	129.36
		10 (3.05)	GR	A7FFB-1510G-ND	15.32	124.76
25	Gold	6 (1.83)	MC	A7FFB-2506M-ND	19.54	159.13
		6 (1.83)	GR	A7FFB-2506G-ND	19.01	154.78
		10 (3.05)	MC	A7FFB-2510M-ND	20.09	163.60
		10 (3.05)	GR	A7FFB-2510G-ND	19.20	156.34
37	Gold	6 (1.83)	MC	A7FFB-3706M-ND	26.70	217.42
		6 (1.83)	GR	A7FFB-3706G-ND	25.77	209.83
		10 (3.05)	MC	A7FFB-3710M-ND	27.57	224.55
		10 (3.05)	GR	A7FFB-3710G-ND	26.03	211.90

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.

A7OOB-□□□□□-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)	Ribbon* Cable	Digi-Key Part No.	Pricing 1	Pricing 10
9	Gold	6 (1.83)	MC	A7MFB-0906M-ND	13.43	109.35
		6 (1.83)	GR	A7MFB-0906G-ND	13.17	107.26
		10 (3.05)	MC	A7MFB-0910M-ND	13.66	111.24
		10 (3.05)	GR	A7MFB-0910G-ND	13.23	107.76
15	Gold	6 (1.83)	MC	A7MFB-1506M-ND	15.56	126.68
		6 (1.83)	GR	A7MFB-1506G-ND	15.22	123.93
		10 (3.05)	MC	A7MFB-1510M-ND	15.88	129.36
		10 (3.05)	GR	A7MFB-1510G-ND	15.32	124.76
25	Gold	6 (1.83)	MC	A7MFB-2506M-ND	19.54	159.13
		6 (1.83)	GR	A7MFB-2506G-ND	19.01	154.78
		10 (3.05)	MC	A7MFB-2510M-ND	20.09	163.60
		10 (3.05)	GR	A7MFB-2510G-ND	19.20	156.34
37	Gold	6 (1.83)	MC	A7MFB-3706M-ND	26.70	217.42
		6 (1.83)	GR	A7MFB-3706G-ND	25.77	209.83
		10 (3.05)	MC	A7MFB-3710M-ND	27.57	224.55
		10 (3.05)	GR	A7MFB-3710G-ND	26.03	211.90

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!