D-Subminiature Connectors



Material and Finish: Plastic Shell: Housing, Cover & 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, 000030 gold on mating end, tin-lead on termination end, with entire contact nickel underplated Mounting Holes: Standard — 120 Dia • Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476

No. of Contacts	Contact Finish	Dim. "A"	Digi-Key Pricing Part No. 1 10 100		AMP Part No.					
М	ale D-S	Submi	niature Coi	nnect	ors, Pl	astic S	hell			
9	Gold	.984	AMS09G-ND	5.85	47.60	350.70	747321-4			
15	Gold	1.312	AMS15G-ND	6.86	55.86	411.60	747321-3			
25	Gold	1.852	AMS25G-ND	8.68	70.68	520.80				
37	Gold	2.500	AMS37G-ND	12.39	100.89	743.40	747321-1			
Female D-Subminiature Connectors, Plastic Shell										
9	Gold	.984	AFS09G-ND	5.99	48.74	359.10	747318-4			
15	Gold	1.312	AFS15G-ND	7.28		436.80				
25	Gold	1.852	AFS25G-ND	9.24	75.24	554.40				
37	Gold	2.500	AFS37G-ND	12.95	105.45	777.00	747318-1			
	1ale D-		iniature Co							
9	Gold	.984	AMR09G-ND	6.65	54.15	399.00	747306-4			
	15 Gold 1.912		AMR15G-ND	8.12	66.12	487.20	747306-3			
25	Gold	1.852	AMR25G-ND	10.12	82.37	606.90				
37	Gold	2.500	AMR37G-ND		117.14	863.10	747306-1			
50	Gold	2.406	AMR50G-ND	21.74	176.99	1304.10	746790-1			
			miniature C							
9	Gold	.984	AFR09G-ND	6.65	54.15	399.00	747303-4			
15	Gold	1.312	AFR15G-ND	8.37	68.12	501.90	747303-3			
25	Gold	1.852	AFR25G-ND	10.99	89.49	659.40				
37	Gold	2.500	AFR37G-ND	15.54	126.54	932.40				
50	Gold	2.406	AFR50G-ND	22.93			746789-1			
		Cabl	e Strain Re	lief/Si						
9	_	_	ADSR09-ND	1.08	8.54	67.93	747275-4			
15	-	_	ADSR15-ND	1.15	9.08	72.23	747275-3			
25	-		ADSR25-ND	.85	6.72	53.48	747275-2			
37	-	_	ADSR37-ND	1.34	10.59	84.23				
50	_	_	ADSR50-ND	3.34	26.38	209.85	746785-1			

Conn. Finish Length (Feet) G is ≤15µ Gold A is >15µ Gold T=Tin No. Of Contacts **D-Subminiature Cable Assemblies**

Single Ended — Male

* MC = Multi-Color, GR = Gray

Style 7□ □ (D-Sub)

AMP

AMP

Ribbon Cable

M=Multi-color G=Gray

No. of Con- tacts	Conn. Finish	Length (Feet)	Rib. bon* Cable	Digi-Key Part No.	1	Pricing 10	100
	Gold	6	MC	A7MXG-0906M-ND	8.93	72.70	535.71
9	Gold	6	GR	A7MXG-0906G-ND	8.67	70.57	519.96
9	Gold	10	MC	A7MXG-0910M-ND	9.91	80.66	594.30
	Gold	10	GR	A7MXG-0910G-ND	9.47	77.09	568.05
	Gold	6	MC	A7MXG-1506M-ND	11.19	91.09	671.16
15	Gold	6	GR	A7MXG-1506G-ND	10.37	84.42	622.02
15	Gold	10	MC	A7MXG-1510M-ND	12.94	105.34	776.16
	Gold	10	GR	A7MXG-1510G-ND	11.57	94.22	694.26
	Gold	6	MC	A7MXG-2506M-ND	14.23	115.91	854.07
25	Gold	6	GR	A7MXG-2506G-ND	13.08	106.48	784.56
25	Gold	10	MC	A7MXG-2510M-ND	16.98	138.28	1018.92
	Gold	10	GR	A7MXG-2510G-ND	15.05	122.55	903.00
	Gold	6	MC	A7MXG-3706M-ND	20.63	167.98	1237.74
27	Gold	6	GR	A7MXG-3706G-ND	19.14	155.84	1148.28
37	Gold	10	MC	A7MXG-3710M-ND	24.65	200.73	1479.03
	Gold	10	GR	A7MXG-3710G-ND	22.17	180.49	1329.93

Single Ended — Female

* MC = Multi-Color, GR = Gray

No. of Con- tacts	Conn. Finish	Length (Feet)	Rib. bon* Cable	Digi-Key Part No.	1	Pricing 10	100
9	Gold	6	MC	A7FXG-0906M-ND	9.11	74.19	546.63
	Gold	6	GR	A7FXG-0906G-ND	8.85	72.05	530.88
	Gold	10	MC	A7FXG-0910M-ND	10.09	82.14	605.22
	Gold	10	GR	A7FXG-0910G-ND	9.65	78.57	578.97
15	Gold	6	MC	A7FXG-1506M-ND	11.65	94.88	699.09
	Gold	6	GR	A7FXG-1506G-ND	10.83	88.21	649.95
	Gold	10	MC	A7FXG-1510M-ND	13.40	109.13	804.09
	Gold	10	GR	A7FXG-1510G-ND	12.04	98.01	722.19
25	Gold	6	MC	A7FXG-2506M-ND	14.82	120.70	889.35
	Gold	6	GR	A7FXG-2506G-ND	13.66	111.26	819.84
	Gold	15	MC	A7FXG-2510M-ND	17.57	143.07	1054.20
	Gold	15	GR	A7FXG-2510G-ND	15.64	127.34	938.28
37	Gold	6	MC	A7FXG-3706M-ND	21.21	172.71	1272.60
	Gold	6	GR	A7FXG-3706G-ND	19.72	160.57	1183.14
	Gold	15	MC	A7FXG-3710M-ND	25.23	205.46	1513.89
	Gold	15	GR	A7FXG-3710G-ND	22.75	185.22	1364.79

Also available in the following configuration:
A7SX_-__\-\\D-\D-\ND - With Metal Shell Connector.
Call for complete part number and pricing!

Male to Male

* MC = Multi-Color, GR = Gray

No. of Con- tacts	Conn.	Length (Feet)	Rib. bon* Cable	Digi-Key Part No.	1	Pricing 10	100
	Gold	6	MC	A7MMG-0906M-ND	16.39	133.47	983.43
9	Gold	6	GR	A7MMG-0906G-ND	16.13	131.33	967.68
9	Gold	10	MC	A7MMG-0910M-ND	16.38	133.41	983.01
	Gold	10	GR	A7MMG-0910G-ND	16.12	131.27	967.26
	Gold	6	MC	A7MMG-1506M-ND	18.93	154.13	1135.68
15	Gold	6	GR	A7MMG-1506G-ND	16.92	137.80	1015.35
13	Gold	10	MC	A7MMG-1510M-ND	21.50	175.05	1289.82
	Gold	10	GR	A7MMG-1510G-ND	19.75	160.80	1184.82
	Gold	6	MC	A7MMG-2506M-ND	24.35	198.27	1460.97
25	Gold	6	GR	A7MMG-2506G-ND	23.19	188.84	1391.46
23	Gold	10	MC	A7MMG-2510M-ND	27.10	220.65	1625.82
	Gold	10	GR	A7MMG-2510G-ND	25.17	204.92	1509.90
	Gold	6	MC	A7MMG-3706M-ND	35.22	286.82	2113.44
37	Gold	6	GR	A7MMG-3706G-ND	33.73	274.68	2023.98
3/	Gold	10	MC	A7MMG-3710M-ND	39.25	319.57	2354.73
	Gold	10	GR	A7MMG-3710G-ND	36.76	299.34	2205.63
Alco our	ilabla i	the fel	louina c	onfiguration			

Also available in the following configuration:
A7PP—-—————-ND – With Metal Shell Connector.
Call for complete part number and pricing!

Female to Female

* MC = Multi-Color, GR = Gray

|--|

AMP

		Length (Feet)	bon* Cable	Digi-Key Part No.	1	Pricing 10	100
	Gold	6	MC	A7FFG-0906M-ND	16.75	136.43	1005.27
9	Gold	6	GR	A7FFG-0906G-ND	16.49	134.29	989.52
9	Gold	10	MC	A7FFG-0910M-ND	17.73	144.38	1063.86
	Gold	10	GR	A7FFG-0910G-ND	17.29	140.82	1037.61
	Gold	6	MC	A7FFG-1506M-ND	20.68	168.38	1240.68
15	Gold	6	GR	A7FFG-1506G-ND	19.86	161.71	1191.54
15	Gold	10	MC	A7FFG-1510M-ND	22.43	182.63	1345.68
	Gold	10	GR	A7FFG-1510G-ND	21.06	171.51	1263.78
	Gold	6	MC	A7FFG-2506M-ND	25.53	207.85	1531.53
25	Gold	6	GR	A7FFG-2506G-ND	24.36	198.39	1461.81
23	Gold	10	MC	A7FFG-2510M-ND	28.27	230.22	1696.38
	Gold	10	GR	A7FFG-2510G-ND	26.34	214.46	1580.25
	Gold	6	MC	A7FFG-3706M-ND	36.39	296.31	2183.37
37	Gold	6	GR	A7FFG-3706G-ND	34.90	284.17	2093.91
37	Gold	10	MC	A7FFG-3710M-ND	40.41	329.06	2424.66
	Gold	10	GR	A7FFG-3710G-ND	37.93	308.83	2275.56



* MC = Multi-Color, GR = Gray

Contacts Finish (Feet) Cable Part No.

	1	Pricing 10	100
06M-ND	16.57	134.89	993.93
06G-ND	16.30	132.75	978.18
10M-ND	17.54	142.84	1052.52
10G-ND	17.10	139.28	1026.27
OLV VID	20.21	1// 0	1010 75

AMP

Dimensions

B C .788 .300 .888 .300 .428 .788 .300 .428 .888 .300 .720 1.288 .600 40 .720 2.088 .600

Pins

	Gold	6	MC	A7MFG-0906M-ND	16.57	134.89	993.93
9	Gold	6	GR	A7MFG-0906G-ND	16.30	132.75	978.18
9	Gold	10	MC	A7MFG-0910M-ND	17.54	142.84	1052.52
	Gold	10	GR	A7MFG-0910G-ND	17.10	139.28	1026.27
	Gold	6	MC	A7MFG-1506M-ND	20.21	164.59	1212.75
15	Gold	6	GR	A7MFG-1506G-ND	19.39	157.92	1163.61
15	Gold	10	MC	A7MFG-1510M-ND	21.96	178.84	1317.75
	Gold	10	GR	A7MFG-1510G-ND	20.60	167.72	1235.85
	Gold	6	MC	A7MFG-2506M-ND	24.94	203.09	1496.46
25	Gold	6	GR	A7MFG-2506G-ND	23.78	193.66	1426.95
25	Gold	10	MC	A7MFG-2510M-ND	27.69	225.46	1661.31
	Gold	10	GR	A7MFG-2510G-ND	25.76	209.73	1545.39
	Gold	6	MC	A7MFG-3706M-ND	35.81	291.58	2148.51
37	Gold	6	GR	A7MFG-3706G-ND	34.32	279.44	2059.05
3/	Gold	10	MC	A7MFG-3710M-ND	39.83	324.33	2389.80
	Gold	10	GR	A7MEG-3710G-ND	37 35	304.10	2240.70

DIP Connectors . 91 @

of

Material and Finish: Housing & Cover — Black thermoplastic, 94V-0 rated Contacts — Phosphor bronze, tin or duplex plated Gold — 000015 gold on pin endounced to control to contact underplated with 000050 nickel or entire contact underplated with 000050 nickel on entire contact underplated with 000050 nickel on entire contact Mateable Sockets — DIP Sockets (for 100x.300 and -100x.600 versions) • Connectors Recognized under Component Program of Underwriters Euboratories Inc., File No. E28476 • Connectors Certified by Canadian Standards Association, File No. LR 16455

-	No. of	Contact	Dim	Digi-Key		Pricing		AMP			
1	Contacts	Finish	"A"	Part No.	1	10	100	Part No.			
	Dip Connectors (.175" Pin Length)										
Ī	14	Gold		ADP14G-ND	2.49	20.24	149.10	746612-2			
	14	Tin	.754	ADP14T-ND	1.16	9.41	69.30	746613-2			
	16	Gold	.854	ADP16G-ND	1.40	11.40	84.00	746612-3			
	16	Tin	.854	ADP16T-ND	1.30	10.55	77.70	746613-3			
	24	Gold	1.264	ADP24G-ND	3.99	32.49	239.40	746615-1			
	24	Tin	1.264	ADP24T-ND	3.78	30.78	226.80	746616-1			
	40	Gold		ADP40G-ND	5.92	48.17	354.90	746615-3			
l	40	Tin	2.067	ADP40T-ND	2.56	20.81	153.30	746616-3			

Ribbon Cable M = Multi-Color G = Gray Length (Inches) No. of Contacts



				-				
+ 1.4	_	N 41 - 141 - C					A	ИP
	. of	IVIUITI-C	olor, GF	Rib-	У			
Co	n-	Conn. Finish	Length (In.)	bon*	Digi-Key Part No.	1	Pricing 10	100
		Gold	6	MC	A2PXG-1406M-ND	2.68	21.80	160.65
		Tin	6	MC	A2PXT-1406M-ND	1.35	10.97	80.85
		Gold	6	GR	A2PXG-1406G-ND	2.62	21.32	157.08
		Tin Gold	6 18	GR MC	A2PXT-1406G-ND A2PXG-1418M-ND	1.29 3.06	10.49 24.91	77.28 183.54
١.		Tin	18	MC	A2PXT-1418M-ND	1.73	14.08	103.74
1	4	Gold	18	GR	A2PXG-1418G-ND	2.88	23.48	173.04
		Tin	18	GR	A2PXT-1418G-ND	1.55	12.65	93.24
		Gold	36	MC	A2PXG-1436M-ND	3.64	29.61	218.19
		Tin Gold	36 36	MC GR	A2PXT-1436M-ND A2PXG-1436G-ND	2.31	18.78 26.73	138.39 196.98
		Tin	36	GR	A2PXT-1436G-ND	1.95	15.90	117.18
		Gold	6	MC	A2PXG-1606M-ND	1.62	13.20	97.23
		Tin	6	MC	A2PXT-1606M-ND	1.52	12.34	90.93
		Gold	6	GR	A2PXG-1606G-ND	1.55	12.63	93.03
		Tin	6	GR	A2PXT-1606G-ND	1.45	11.77	86.73
١.		Gold Tin	18 18	MC MC	A2PXG-1618M-ND A2PXT-1618M-ND	2.06 1.95	16.76 15.90	123.48 117.18
1	6	Gold	18	GR	A2PXG-1618G-ND	1.85	15.08	111.09
		Tin	18	GR	A2PXT-1618G-ND	1.75	14.22	104.79
		Gold	36	MC	A2PXG-1636M-ND	2.71	22.09	162.75
		Tin	36	MC	A2PXT-1636M-ND	2.61	21.23	156.45
		Gold Tin	36 36	GR GR	A2PXG-1636G-ND A2PXT-1636G-ND	2.30	18.75 17.90	138.18 131.88
		Gold	6	MC	A2PXG-2406M-ND	4.32	35.17	259.14
		Tin	6	MC	A2PXT-2406M-ND	4.11	33.46	246.54
		Gold	6	GR	A2PXG-2406G-ND	4.22	34.34	253.05
		Tin	6	GR	A2PXT-2406G-ND	4.01	32.63	240.45
		Gold Tin	18 18	MC MC	A2PXG-2418M-ND A2PXT-2418M-ND	4.98 4.77	40.53 38.82	298.62 286.02
2	4	Gold	18	GR	A2PXG-2418G-ND	4.67	38.02	280.14
		Tin	18	GR	A2PXT-2418G-ND	4.46	36.31	267.54
		Gold	36	MC	A2PXG-2436M-ND	5.96	48.56	357.84
		Tin Gold	36 36	MC GR	A2PXT-2436M-ND A2PXG-2436G-ND	5.75 5.34	46.85 43.52	345.24 320.67
		Tin	36	GR	A2PXT-2436G-ND	5.13	41.81	308.07
		Gold	6	MC	A2PXG-4006M-ND	6.46	52.64	387.87
		Tin	6	MC	A2PXT-4006M-ND	4.64	37.76	278.25
		Gold	6	GR	A2PXG-4006G-ND	6.29	51.24	377.58
		Tin Gold	6 18	GR MC	A2PXT-4006G-ND A2PXG-4018M-ND	4.47 7.56	36.37 61.56	267.96 453.60
4	_	Tin	18	MC	A2PXT-4018M-ND	5.73	46.68	343.98
4	U	Gold	18	GR	A2PXG-4018G-ND	7.05	57.40	422.94
		Tin	18	GR	A2PXT-4018G-ND	5.22	42.52	313.32
		Gold Tin	36 36	MC MC	A2PXG-4036M-ND	9.20 7.37	74.93 60.05	552.09 442.47
		Gold	36	GR	A2PXT-4036M-ND A2PXG-4036G-ND	8.19	66.66	442.47
		Tin	36	GR	A2PXT-4036G-ND	6.36	51.78	381.57
_					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

Single Ended — Style 4

-	

* MC =	Ar	ЛP					
No. of Con- tacts	Conn. Finish	Length (In.)	Rib- bon* Cable		1	Pricing 10	100
	Gold	6	MC	A4PXG-1406M-ND	2.68	21.80	160.65
	Tin	6	MC	A4PXT-1406M-ND	1.35	10.97	80.85
	Gold	6	GR	A4PXG-1406G-ND	2.62	21.32	157.08
	Tin	6	GR	A4PXT-1406G-ND	1.29	10.49	77.28
	Gold	18	MC	A4PXG-1418M-ND	3.06	24.91	183.54
14	Tin Gold	18 18	MC GR	A4PXT-1418M-ND A4PXG-1418G-ND	1.73 2.88	14.08 23.48	103.74 173.04
	Tin	18	GR	A4PXT-1418G-ND	1.55	12.65	93.24
	Gold	36	MC	A4PXG-1436M-ND	3.64	29.61	218.19
	Tin	36	MC	A4PXT-1436M-ND	2.31	18.78	138.39
	Gold	36	GR	A4PXG-1436G-ND	3.28	26.73	196.98
	Tin	36	ĞR	A4PXT-1436G-ND	1.95	15.90	117.18
	Gold	6	MC	A4PXG-1606M-ND	1.62	13.20	97.23
	Tin	6	MC	A4PXT-1606M-ND	1.52	12.34	90.93
	Gold	6	GR	A4PXG-1606G-ND	1.55	12.63	93.03
	Tin	6	GR	A4PXT-1606G-ND	1.45	11.77	86.73
	Gold Tin	18 18	MC MC	A4PXG-1618M-ND A4PXT-1618M-ND	2.06 1.95	16.76 15.90	123.48 117.18
16	Gold	18	GR	A4PXG-1618G-ND	1.85	15.90	111.18
	Tin	18	GR	A4PXT-1618G-ND	1.75	14.22	104.79
	Gold	36	MC	A4PXG-1636M-ND	2.71	22.09	162.75
	Tin	36	MC	A4PXT-1636M-ND	2.61	21.23	156.45
	Gold	36	GR	A4PXG-1636G-ND	2.30	18.75	138.18
	Tin	36	GR	A4PXT-1636G-ND	2.20	17.90	131.88
	Gold	6	MC	A4PXG-2406M-ND	4.11	33.46	246.54
	Tin	6	MC	A4PXT-2406M-ND	4.11	33.46	246.54
	Gold	6	GR	A4PXG-2406G-ND	4.01	32.63	240.45
	Tin	6 18	GR MC	A4PXT-2406G-ND A4PXG-2418M-ND	4.01 4.98	32.63 40.53	240.45 298.62
	Gold Tin	18	MC	A4PXG-2418M-ND	4.77	38.82	286.02
24	Gold	18	GR	A4PXG-2418G-ND	4.77	38.02	280.14
	Tin	18	GR	A4PXT-2418G-ND	4.46	36.31	267.54
	Gold	36	MC	A4PXG-2436M-ND	5.96	48.56	357.84
	Tin	36	MC	A4PXT-2436M-ND	5.75	46.85	345.24
	Gold	36	GR	A4PXG-2436G-ND	5.34	43.52	320.67
	Tin	36	GR	A4PXT-2436G-ND	5.13	41.81	308.07
	Gold	6	MC	A4PXG-4006M-ND	6.46	52.64	387.87
40	Tin	6	MC	A4PXT-4006M-ND	4.64	37.76	278.25
	Gold	6	GR	A4PXG-4006G-ND	6.29	51.24	377.58
	Tin	6	GR	A4PXT-4006G-ND	4.47	36.37	267.96