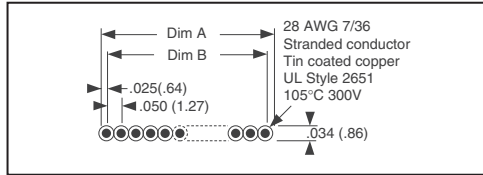


ASSMANN Flat Cable

Features: • Operating Voltage: 300Vrms • Test Voltage: 2000Vrms • Current Capacity: 1A • Insulation Resistance: >20 G Ω/m • Capacity: 45pF /m • Conductor Resistance: >230Ω /km • Impedance: 104Ω • Temperature Range: -30°C ~ 105°C • Color: Gray, red coded • Multi-Color Sequence: Brown, red, orange, yellow, green, blue, violet, gray, white, black



Conductors	Dimensions - Inch (mm)	
	A	B
9	.450 (11.43)	.400 (10.16)
10	.500 (12.70)	.450 (11.43)
14	.700 (17.78)	.650 (16.51)
15	.750 (19.05)	.700 (17.78)
16	.800 (20.32)	.750 (19.05)
20	1.000 (25.40)	.950 (24.13)
24	1.200 (30.48)	1.150 (29.21)
25	1.250 (31.75)	1.200 (30.48)

Conductors	Dimensions - Inch (mm)	
	A	B
26	1.300 (33.02)	1.250 (31.75)
30	1.500 (38.10)	1.450 (36.83)
34	1.700 (43.18)	1.650 (41.91)
37	1.850 (46.99)	1.800 (45.72)
40	2.000 (50.80)	1.950 (49.53)
50	2.500 (63.50)	2.450 (62.23)
60	3.000 (76.20)	2.950 (74.93)
64	3.200 (81.28)	3.150 (80.01)

Multi-Color Ribbon Cable* With Standard 10 Color Repeat Sequence

No. of Con- tacts	Digi-Key Part No.	(Note: "X" in Digi-Key Part No. Represents No. of Feet)	5	10	25	50	100
9	AE09M-X-ND	2.90	5.17	12.47	24.05	44.54	
10	AE10M-X-ND	2.90	5.17	12.47	24.05	44.54	
14	AE14M-X-ND	4.06	7.26	17.52	33.78	62.56	
15	AE15M-X-ND	4.66	8.30	20.04	38.65	71.56	
16	AE16M-X-ND	4.66	8.30	20.04	38.65	71.56	
20	AE20M-X-ND	5.81	10.37	25.03	48.27	89.38	
24	AE24M-X-ND	7.27	12.97	31.32	60.40	111.85	
25	AE25M-X-ND	7.55	13.49	32.57	62.79	116.30	
26	AE26M-X-ND	7.55	13.49	32.57	62.79	116.30	
30	AE30M-X-ND	8.72	15.56	37.56	72.41	134.12	
34	AE34M-X-ND	9.88	17.64	42.57	82.09	152.03	
37	AE37M-X-ND	11.63	20.75	50.07	96.58	178.85	
40	AE40M-X-ND	11.63	20.75	50.07	96.58	178.85	
50	AE50M-X-ND	14.54	25.95	62.63	120.79	223.68	
60	AE60M-X-ND	17.44	31.12	75.10	144.84	268.22	
64	AE64M-X-ND	18.59	33.18	80.09	154.46	286.04	

* Cable available in 300 ft reel. Please call for pricing.

Gray Ribbon Cable*

With Single Edge Red Strip For Pin One Orientation

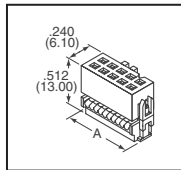
No. of Con- tacts	Digi-Key Part No.	(Note: "X" in Digi-Key Part No. Represents No. of Feet)	5	10	25	50	100
9	AE09G-X-ND	.86	1.53	3.68	7.11	13.16	
10	AE10G-X-ND	.86	1.53	3.68	7.11	13.16	
14	AE14G-X-ND	1.22	2.19	5.26	10.15	18.80	
15	AE15G-X-ND	1.28	2.28	5.51	10.64	19.69	
16	AE16G-X-ND	1.28	2.28	5.51	10.64	19.69	
20	AE20G-X-ND	1.71	3.04	7.34	14.17	26.22	
24	AE24G-X-ND	2.13	3.79	9.15	17.64	32.66	
25	AE25G-X-ND	2.26	4.01	9.70	18.71	34.65	
26	AE26G-X-ND	2.26	4.01	9.70	18.71	34.65	
30	AE30G-X-ND NEW!	2.59	4.62	11.54	21.49	39.79	
34	AE34G-X-ND	2.99	5.34	12.89	24.86	46.02	
37	AE37G-X-ND	3.44	6.14	14.82	28.60	52.95	
40	AE40G-X-ND	3.48	6.20	14.97	28.86	53.45	
50	AE50G-X-ND	4.37	7.80	18.85	36.34	67.31	
60	AE60G-X-ND	5.27	9.42	22.72	43.83	81.16	
64	AE64G-X-ND	5.59	9.99	24.11	46.50	86.11	

* Cable available in 300 ft reel. Please call for pricing.

NEW! FC Quickie™

.100" x .100" (2.54 mm x 2.54 mm) Socket Connectors

Use .050" (1.27 mm)
Pitch Ribbon Cable

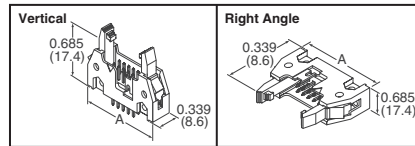


Specifications: • Current Rating: 1 Amp Continuous • Temperature Range: -65°C ~ 105°C • Plastic Material: Glass Filled High Temperature • Thermoplastic: UL94V-0, Color: Gray • Pin Material: Phosphor Bronze

No. of Positions	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Center Key without Strain Relief				
10	1.176 (29.87)	609-1746-ND	1.44 20.35	71600-110LF
16	1.776 (45.11)	609-1747-ND	2.04 28.37	71600-116LF
20	2.176 (55.27)	609-1748-ND	1.67 23.18	71600-120LF
26	2.776 (70.51)	609-1749-ND	1.81 24.34	71600-126LF
34	3.576 (90.83)	609-1750-ND	3.03 45.44	71600-134LF
40	4.176 (106.07)	609-1751-ND	2.71 40.61	71600-140LF
50	5.176 (131.47)	609-1752-ND	3.50 53.68	71600-150LF
Center Key with Strain Relief				
10	1.176 (29.87)	609-1739-ND	1.53 20.56	71600-010LF
16	1.776 (45.11)	609-1740-ND	1.90 25.75	71600-016LF
20	2.176 (55.27)	609-1741-ND	1.57 21.98	71600-020LF
26	2.776 (70.51)	609-1742-ND	2.38 34.94	71600-026LF
34	3.576 (90.83)	609-1743-ND	2.79 41.24	71600-034LF
40	4.176 (106.07)	609-1744-ND	2.19 31.20	71600-040LF
50	5.176 (131.47)	609-1745-ND	3.22 47.71	71600-050LF
Crimp Tool				
Hand Press		609-1781-ND	1518.13	107484-002

Eject Latch Headers

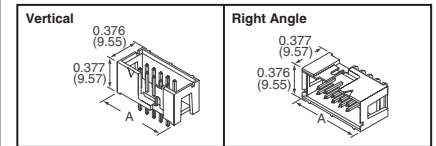
Specifications: • Contact Plating: 0.030 in. (0.76 mm - 30 min.) Gold • Current Rating: 1 Amp Continuous • Temperature Range: -65°C ~ 125°C • Housing Material: Glass Filled • Thermoplastic: UL94V-0, Color: Gray • Pin Material: Phosphor Bronze • 40N min. Latch Retention Force at First Extraction



No. of Positions	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Vertical Header with Standard Latch				
10	1.760 (44.70)	609-1753-ND	1.78 24.87	71918-110LF
16	2.360 (59.94)	609-1754-ND	2.02 27.99	71918-116LF
20	2.760 (70.10)	609-1755-ND	2.22 31.76	71918-120LF
26	3.360 (85.34)	609-1756-ND	2.49 35.68	71918-126LF
34	4.160 (105.66)	609-1757-ND	2.73 40.94	71918-134LF
40	4.760 (120.90)	609-1758-ND	3.63 56.06	71918-140LF
50	5.760 (146.30)	609-1759-ND	3.74 57.37	71918-150LF
Right Angle Header with Standard Latch				
10	1.760 (44.70)	609-1760-ND	1.78 24.87	71922-110LF
16	2.360 (59.94)	609-1761-ND	2.77 41.47	71922-116LF
20	2.760 (70.10)	609-1762-ND	2.22 31.76	71922-120LF
26	3.360 (85.34)	609-1763-ND	2.49 35.68	71922-126LF
34	4.160 (105.66)	609-1764-ND	2.73 40.94	71922-134LF
40	4.760 (120.90)	609-1765-ND	3.10 46.02	71922-140LF
50	5.760 (146.30)	609-1766-ND	3.67 56.25	71922-150LF

Low Profile Headers

Specifications: • Contact Plating: 0.030 in. (0.76 mm - 30 min.) Gold • Current Rating: 3 Amps Continuous • Temperature Range: -65°C ~ 125°C • Housing Material: Glass Filled • Thermoplastic: UL94V-0, Color: Blue • Pin Material: Phosphor Bronze



No. of Positions	Dimension A Inch (mm)	Digi-Key Part No.	Pricing 1 25	FCI Part No.
Vertical Headers				
10	1.284 (32.61)	609-1774-ND	1.96 27.17	75869-101LF
16	1.884 (47.85)	609-1775-ND	1.88 25.42	75869-103LF
20	2.284 (58.01)	609-1776-ND	1.73 24.34	75869-104LF
26	2.884 (73.25)	609-1777-ND	2.11 30.13	75869-105LF
34	3.684 (93.57)	609-1778-ND	2.65 39.17	75869-106LF
40	4.284 (108.81)	609-1779-ND	3.06 45.98	75869-107LF
50	5.284 (134.21)	609-1780-ND	3.66 56.00	75869-108LF
Right Angle Headers				
10	1.284 (32.61)	609-1767-ND	1.31 17.95	75867-101LF
16	1.884 (47.85)	609-1768-ND	2.04 28.30	75867-103LF
20	2.284 (58.01)	609-1769-ND	1.76 23.81	75867-104LF
26	2.884 (73.25)	609-1770-ND	2.20 31.31	75867-105LF
34	3.684 (93.57)	609-1771-ND	3.21 47.56	75867-106LF
40	4.284 (108.81)	609-1772-ND	2.97 44.61	75867-107LF
50	5.284 (134.21)	609-1773-ND	4.24 65.88	75867-108LF

molex Waldom .100" (2.54mm) Round Conductor Flat Cable in Precut Lengths

26 AWG (7 x 34) Stranded, Topcoat

Features: • Gray PVC insulation • U.L. Temperature Rating: -20°C ~ 105°C • U.L. Voltage: 300V maximum • U.L. Flammability Rating: VW-1 • U.L. Style No. 2651 • U.L. Recognized (File #E61522) • CSA Certification (File #LL61126)

Pos.	Digi-Key Part No.	Pricing 1 10	Molex Part No.
3	WM03-02-ND	.50 4.39	28100-0264
	WM03-02A-ND NEW!	.50 4.39	25001-0302
	WM03-04-ND	.60 5.31	28100-0265
4	WM04-04A-ND NEW!	.60 5.31	25001-0304
	WM03-06A-ND NEW!	.74 6.45	25001-0306
	WM04-04A-ND NEW!	.70 6.17	25001-0402
5	WM04-06-ND	1.08 9.50	28100-0270
	WM04-06A-ND NEW!	1.08 9.50	25001-0406
	WM05-02A-ND NEW!	.72 6.37	25001-0502
6	WM05-04A-ND NEW!	.83 7.28	25001-0504
	WM05-06A-ND NEW!	1.14 10.07	25001-0506
	WM06-02-ND	.75 6.59	28100-0276
7	WM06-02A-ND NEW!	.75 6.59	25001-0602
	WM06-04A-ND NEW!	.95 8.37	28100-0604
	WM06-06-ND	1.20 10.63	28100-0278
8	WM06-06A-ND NEW!	.95 8.37	25001-0606
	WM07-02A-ND NEW!	.76 6.74	25001-0702
	WM07-04A-ND NEW!	1.00 8.79	25001-0704
9	WM07-06A-ND NEW!	1.27 11.20	25001-0706
	WM08-06-ND	1.34 11.83	28100-0286
	WM08-02A-ND NEW!	.79 6.95	25001-0802
10	WM08-04A-ND NEW!	1.04 9.22	25001-0804
	WM08-06A-ND NEW!	1.34 11.83	25001-0806
	WM09-02A-ND NEW!	.82 7.16	25001-0902
11	WM09-04A-ND NEW!	1.09 9.57	25001-0904
	WM09-06-ND	1.40 12.41	28100-0290
	WM09-06A-ND NEW!	1.40 12.41	25001-0906
12	WM10-02-ND	.84 7.37	28100-0292
	WM10-02A-ND NEW!	.84 7.37	25001-1002
	WM10-04-ND	1.14 10.07	28100-0293
13	WM10-04A-ND NEW!	1.14 10.07	25001-1004
	WM10-06A-ND NEW!	1.48 13.11	25100-1006

† RoHS Compliant

28100 Series

Diagram of the 28100 Series flat cable. It shows a rectangular cable with a diagonal line indicating the length L and a horizontal line indicating the width W.

Digi-Key Part No.	Dim. L In. (mm)
XXXX-02-ND	2" (50.80)
XXXX-04-ND	4" (101.6)
XXXX-06-ND	6" (152.4)

25001 Series

Diagram of the 25001 Series flat cable. It shows a rectangular cable with a diagonal line indicating the length L and a horizontal line indicating the width W.

Digi-Key Part No.	Dim. L In. (mm)
XXXX-02A-ND	2" (50.80)
XXXX-04A-ND	4" (101.6)
XXXX-06A-ND	6" (152.4)

Diagram of the flat cable cross-section. It shows a series of circular conductors with a total width W and a spacing S between them. The dimensions are: .050 (1.27) for the conductor width, .100 (2.54) for the spacing, and .041 (1.04) for the conductor height.

No. of Pos.	Dim. S In. (mm)	Dim. W (Ref.) In. (mm)
3	.200 (5.08)	.300 (7.62)
4	.300 (7.62)	.400 (10.16)
5	.400 (10.16)	.500 (12.7)
6	.500 (12.70)	.600 (15.24)

No. of Pos.	Dim. S In. (mm)	Dim. W (Ref.) In. (mm)
7	.600 (15.24)	.700 (17.78)
8	.700 (17.78)	.800 (20.32)
9	.800 (20.32)	.900 (22.86)
10	.900 (22.86)	1.000 (25.40)

All prices in Canadian dollars and include duty and brokerage fees.

1-800-344-4539 • ca.digikey.com • 218-681-6674 • Fax: 218-681-3380

(C063