molex GC/Waldom

.100" (2.54mm) Center Headers

.025" (.64mm) Square Pins The Molex KK® Concept utilizes a double cantilever contact design in mating with P.C. board pins. UL Recognized (File #29179), CSA Recognized (File 19980). **Voltage Rating:** 250 VAC Max. **Current Rating:** Up to 2.5 Amps (w/22 AWG wire). **Resistance:** 20 milliohms max. **Dialectic Withstanding Voltage:** 1500 VAC for 60 seconds. **Storage Temp.:** -40°C to 105°C. **Material:** 94V-0.

Fig. 1 - Straight Header

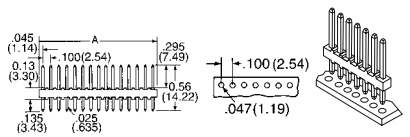


Fig. 2 - Right Angle Header

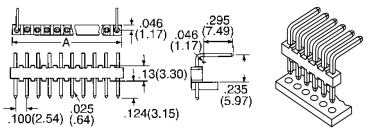


Fig. 3 - Straight-Friction Lock Header

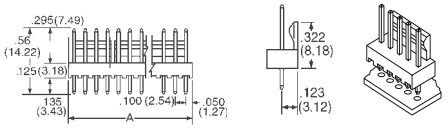


Fig. 4 - Right Angle-Friction Lock Header

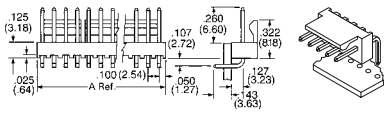


Fig. 5 - Center Crimp Terminal Housing
(contacts sold separately)

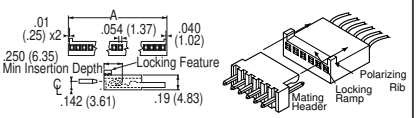


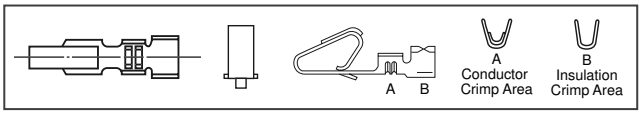
Fig.	Cir-cuits	Dim. A In. (mm)	Digi-Key Part No.	Pricing 1	10	100	500	1,000	Molex Part No.
.100" (2.54mm) Center Headers Tin Plating									
	2	.190 (4.83)	WM4000-ND	.25	1.77	11.40	40.76	75.98	22-03-2021
	3	.290 (7.37)	WM4001-ND	.31	2.73	17.60	62.92	117.30	22-03-2031
	4	.390 (9.91)	WM4002-ND	.41	3.63	23.40	83.66	155.96	22-03-2041
	5	.490 (12.45)	WM4003-ND	.51	4.53	29.20	104.39	194.62	22-03-2051
	6	.590 (14.99)	WM4004-ND	.61	5.39	34.80	124.41	231.94	22-03-2061
1	7	.690 (17.53)	WM4005-ND	.72	6.36	41.00	146.58	273.27	22-03-2071
	8	.790 (20.07)	WM4006-ND	.72	6.36	41.00	146.58	273.27	22-03-2081
	9	.890 (22.61)	WM4007-ND	.81	7.13	46.00	164.45	306.59	22-03-2091
	10	.990 (25.15)	WM4008-ND	.81	7.19	46.40	165.88	309.26	22-03-2101
	11	1.090 (27.69)	WM4009-ND	.90	7.94	51.20	183.04	341.25	22-03-2111
	12	1.190 (30.23)	WM4010-ND	.98	8.71	56.20	200.92	374.57	22-03-2121
	2	.190 (4.83)	WM4100-ND	.23	2.05	13.20	47.19	87.98	22-05-2021
	3	.290 (7.37)	WM4101-ND	.34	2.98	19.20	68.64	127.97	22-05-2031
	4	.390 (9.91)	WM4102-ND	.45	4.00	25.80	92.24	171.96	22-05-2041
	5	.490 (12.45)	WM4103-ND	.57	5.02	32.40	115.83	215.95	22-05-2051
	6	.590 (14.99)	WM4104-ND	.68	6.05	39.00	139.43	259.94	22-05-2061
2	7	.690 (17.53)	WM4105-ND	.79	7.01	45.20	161.59	301.26	22-05-2071
	8	.790 (20.07)	WM4106-ND	.91	8.06	52.00	185.90	346.58	22-05-2081
	9	.890 (22.61)	WM4107-ND	1.03	9.08	58.60	209.50	390.57	22-05-2091
	10	.990 (25.15)	WM4108-ND	1.03	9.15	59.00	210.93	393.24	22-05-2101
	11	1.090 (27.69)	WM4109-ND	1.14	10.11	65.20	233.09	434.56	22-05-2111
	12	1.190 (30.23)	WM4110-ND	1.24	10.94	70.60	252.40	470.55	22-05-2121
	2	.200 (5.08)	WM4200-ND	.29	2.60	16.80	60.06	111.97	22-23-2021
	3	.300 (7.62)	WM4201-ND	.44	3.88	25.00	89.38	166.63	22-23-2031
	4	.400 (10.16)	WM4202-ND	.48	4.25	27.40	97.96	182.62	22-23-2041
	5	.500 (12.70)	WM4203-ND	.60	5.33	34.40	122.98	229.28	22-23-2051
	6	.600 (15.24)	WM4204-ND	.63	5.58	36.00	128.70	239.94	22-23-2061
3	7	.700 (17.78)	WM4205-ND	.66	5.86	37.80	135.14	251.94	22-23-2071
	8	.800 (20.32)	WM4206-ND	.76	6.73	43.40	155.16	289.26	22-23-2081
	9	.900 (22.86)	WM4207-ND	.85	7.56	48.80	174.46	325.25	22-23-2091
	10	1.000 (25.40)	WM4208-ND	.86	7.63	49.20	175.89	327.92	22-23-2101
	11	1.100 (27.94)	WM4209-ND	.95	8.40	54.20	193.77	361.24	22-23-2111
	12	1.200 (30.48)	WM4210-ND	1.03	9.15	59.00	210.93	393.24	22-23-2121
	2	.200 (5.08)	WM4300-ND	.61	5.39	34.80	124.41	231.94	22-05-3021
	3	.300 (7.62)	WM4301-ND	.70	6.17	39.80	142.29	265.27	22-05-3031
	4	.400 (10.16)	WM4302-ND	.78	6.91	44.60	159.45	297.26	22-05-3041
	5	.500 (12.70)	WM4303-ND	.85	7.56	48.80	174.46	325.25	22-05-3051
	6	.600 (15.24)	WM4304-ND	.96	8.46	54.60	195.20	363.91	22-05-3061
4	7	.700 (17.78)	WM4305-ND	1.11	9.86	63.60	227.37	423.89	22-05-3071
	8	.800 (20.32)	WM4306-ND	1.16	10.29	66.40	237.38	442.56	22-05-3081
	9	.900 (22.86)	WM4307-ND	1.20	10.66	68.80	245.96	458.55	22-05-3091
	10	1.000 (25.40)	WM4308-ND	1.22	10.82	69.80	249.54	465.22	22-05-3101
	11	1.100 (27.94)	WM4309-ND	1.34	11.87	76.60	273.85	510.54	22-05-3111
	12	1.200 (30.48)	WM4310-ND	1.38	12.21	78.80	281.71	525.20	22-05-3121
.100" (2.54mm) Center Header Gold Plating									
	2	.190 (4.83)	WM2722-ND	.52	4.59	29.60	105.82	197.28	22-10-2021
	3	.290 (7.37)	WM2723-ND	.75	6.67	43.00	153.73	286.60	22-10-2031
	4	.390 (9.91)	WM2724-ND	1.00	8.90	57.40	205.21	382.57	22-10-2041
	5	.490 (12.45)	WM2725-ND	1.26	11.13	71.80	256.69	478.55	22-10-2051
	6	.590 (14.99)	WM2726-ND	1.50	13.27	85.60	306.02	570.52	22-10-2061
1	7	.690 (17.53)	WM2727-ND	1.67	14.82	95.60	341.77	637.17	22-10-2071
	8	.790 (20.07)	WM2728-ND	1.91	16.96	109.40	391.11	729.15	22-10-2081
	9	.890 (22.61)	WM2729-ND	2.15	19.07	123.00	439.73	819.80	22-10-2091
	10	.990 (25.15)	WM2730-ND	2.39	21.17	136.60	488.35	910.44	22-10-2101
	11	1.090 (27.69)	WM2731-ND	2.63	23.25	150.00	536.25	999.75	22-10-2111
	12	1.190 (30.23)	WM2732-ND	2.87	25.42	164.00	586.30	1093.06	22-10-2121

Fig.	Cir-cuits	Dim. A In. (mm)	Digi-Key Part No.	Pricing 1	10	100	500	1,000	Molex Part No.
	2	.190 (4.83)	WM2733-ND	.55	4.90	31.60	112.97	210.61	22-12-2021
	3	.290 (7.37)	WM2734-ND	.81	7.13	46.00	164.45	306.59	22-12-2031
	4	.390 (9.91)	WM2735-ND	1.03	9.15	59.00	210.93	393.24	22-12-2041
	5	.490 (12.45)	WM2736-ND	1.29	11.44	73.80	263.84	491.88	22-12-2051
	6	.590 (14.99)	WM2737-ND	1.56	13.80	89.00	318.18	593.19	22-12-2061
2	7	.690 (17.53)	WM2738-ND	1.82	16.09	103.80	371.09	691.83	22-12-2071
	8	.790 (20.07)	WM2739-ND	2.08	18.38	118.60	424.00	790.47	22-12-2081
	9	.890 (22.61)	WM2740-ND	2.34	20.71	133.60	477.62	890.44	22-12-2091
	10	.990 (25.15)	WM2741-ND	2.59	22.94	148.00	529.10	986.42	22-12-2101
	11	1.090 (27.69)	WM2742-ND	2.85	25.23	162.80	582.01	1085.06	22-12-2111
	12	1.190 (30.23)	WM2743-ND	3.11	27.53	177.60	634.92	1183.70	22-12-2121
	2	.200 (5.08)	WM2700-ND	.58	5.15	33.20	118.69	221.28	22-11-2022
	3	.300 (7.62)	WM2701-ND	.94	8.34	53.80	192.34	358.58	22-11-2032
	4	.400 (10.16)	WM2702-ND	.98	8.65	55.80	199.49	371.91	22-11-2042
	5	.500 (12.70)	WM2703-ND	1.39	12.28	79.20	283.14	527.87	22-11-2052
	6	.600 (15.24)	WM2704-ND	1.53	13.55	87.40	312.46	582.52	22-11-2062
3	7	.700 (17.78)	WM2705-ND	1.78	15.75	101.60	363.22	677.16	22-11-2072
	8	.800 (20.32)	WM2706-ND	1.86	16.46	106.20	379.67	707.82	22-11-2082
	9	.900 (22.86)	WM2707-ND	2.10	18.57	119.80	428.29	798.47	22-11-2092
	10	1.000 (25.40)	WM2708-ND	2.32	20.58	132.80	474.76	885.11	22-11-2102
	11	1.100 (27.94)	WM2709-ND	2.56	22.69	146.40	523.38	975.76	22-11-2112
	12	1.200 (30.48)	WM2710-ND	2.79	24.71	159.40	569.86	1062.40	22-11-2122
	2	.200 (5.08)	WM2711-ND	1.06	9.39	60.60	216.65	403.90	22-12-2024
	3	.300 (7.62)	WM2712-ND	1.37	12.09	78.00	278.85	519.87	22-12-2034
	4	.400 (10.16)	WM2713-ND	1.61	14.29	92.20	329.62	614.51	22-12-2044
	5	.500 (12.70)	WM2714-ND	1.78	15.75	101.60	363.22	677.16	22-12-2054
	6	.600 (15.24)	WM2715-ND	1.94	17.17	110.80	396.11	738.48	22-12-2064
4	7	.700 (17.78)	WM2716-ND	2.11	18.69	120.60	431.15	803.80	22-12-2074
	8	.800 (20.32)	WM2717-ND	2.20	19.50	125.80	449.74	838.46	22-12-2084
	9	.900 (22.86)	WM2718-ND	2.47	21.92	141.40	505.51	942.43	22-12-2094
	10	1.000 (25.40)	WM2719-ND	2.75	24.40	157.40	562.71	1049.07	22-12-2104
	11	1.100 (27.94)	WM2720-ND	3.03	26.82	173.00	618.48	1153.05	22-12-2114
	12	1.200 (30.48)	WM2721-ND	3.31	29.30	189.00	675.68	1259.69	22-12-2124
.100" (2.54mm) Center Crimp Terminal Housing (Contacts Sold Separately Below) With Locking Ramp and Polarizing Ribs									
	2	.220 (5.59)	WM2000-ND	.14	1.27	8.20	33.83	54.65	22-01-3027
	3	.320 (8.13)	WM2001-ND	.21	1.89	12.20	50.33	81.31	22-01-3037
	4	.420 (10.67)	WM2002-ND	.29	2.54	16.40	67.65	109.31	22-01-3047
	5	.520 (13.21)	WM2003-ND	.35	3.10	20.00	82.50	133.30	22-01-3057
	6	.620 (15.75)	WM2004-ND	.42	3.75	24.20	99.83	161.29	22-01-3067
5	7	.720 (18.29)	WM2005-ND	.49	4.37	28.20	116.33	187.95	22-01-3077
	8	.820 (20.83)	WM2006-ND	.57	5.05	32.60	134.48	217.28	22-01-3087
	9	.920 (23.37)	WM2007-ND	.64	5.70	36.80	151.80	245.27	22-01-3097
	10	1.020 (25.91)	WM2008-ND	.70	6.23	40.20	165.83	267.93	22-01-3107
	11	1.120 (28.45)	WM2009-ND	.77	6.85	44.20	182.33	294.59	22-01-3117
	12	1.220 (30.99)	WM2010-ND	.86	7.60	49.00	202.13	326.59	22-01-3127
With Locking Ramp									
	2	.220 (5.59)	WM2011-ND	.13	1.12	7.20	25.74	47.99	22-01-2027
	3	.320 (8.13)	WM2012-ND	.19	1.64	10.60	37.90	70.65	22-01-2037
	4	.420 (10.67)	WM2013-ND	.25	2.20	14.20	50.77	94.64	22-01-2047
	5	.520 (13.21)	WM2014-ND	.31	2.73	17.60	62.92	117.30	22-01-2057
	6	.620 (15.75)	WM2015-ND	.37	3.32	21.40	76.51	142.63	22-01-2067
5	7	.720 (18.29)	WM2016-ND	.44	3.88	25.00	89.38	166.63	22-01-2077
	8	.820 (20.83)	WM2017-ND	.49	4.37	28.20	100.82	187.95	22-01-2087
	9	.920 (23.37)	WM2018-ND	.56	4.99	32.20	115.12	214.61	22-01-2097
	10	1.020 (25.91)	WM2019-ND	.62	5.46	35.20	125.84	234.61	22-01-2107
	11	1.120 (28.45)	WM2020-ND	.69	6.08	39.20	140.14	261.27	22-01-2117
	12	1.220 (30.99)	WM2021-ND	.75	6.67	43.00	153.73	286.60	22-01-2127
Polarizing key for .100" Housings			WM2400-ND	1.09/10		6.67/100		25.89/500	15-04-9209
Polarizing peg for .100" Housings			WM2401-ND	.96/10		6.20/100		25.58/500	15-04-9210

molex GC/Waldom

Crimp Terminals For .100" (2.54mm) Center Housings

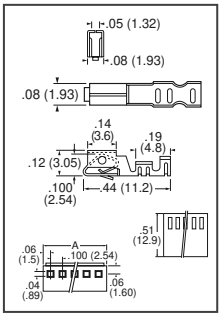
Material: Brass, Plating: 200-300µ inch Hot-Tin Dip tin plating.



Description	Wire Size	Insulation Dia. (Inch)	Finish	Digi-Key Part No.	Pricing 10	100	500	Molex Part No.
For .100" Housings	22-30	.062 Max.	Tin	WM2200-ND	1.05	8.75	35.00	08-50-0114
	22-30	.062 Max.	Gold	WM2312-ND	2.85	23.75	95.00	08-55-0102
Universal Crimp Tool (Molex)				WM9999-ND		32.59 each		63811-1000
Production Tool (Molex)				WM9915-ND		226.53 each		11-01-0185
Extraction Tool (Molex)				WM9927-ND		9.22 each		11-03-0022

molex GC/Waldom

.100" (2.54mm) High Pressure Terminal Housings



• Standard with locking ramp • 94V-0 material • Mates with .025" (0.64mm) Pins • Up to 425 grams normal force • Multiple contacting points • Patented double cantilever with box shroud • Accepts #22 to 30 AWG wire, .062" insulation dia.

Circuits	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1	10	100	Molex Part No.
1	.120 (3.05)	WM2600-ND	.25	1.64	10.60	10-11-2013
2	.220 (5.59)	WM2601-ND	.25	1.18	7.60	10-11-2023
3	.320 (8.13)	WM2602-ND	.25	1.71	11.00	10-11-2033
4	.420 (10.67)	WM2603-ND	.27	2.36	15.20	10-11-2043
5	.520 (13.21)	WM2604-ND	.33	2.91	18.80	10-11-2053
6	.620 (15.75)	WM2605-ND	.40	3.50	22.60	10-11-2063
7	.720 (18.29)	WM2606-ND	.46	4.06	26.20	10-11-2073
8	.820 (20.83)	WM2607-ND	.53	4.65	30.00	10-11-2083
9	.920 (23.37)	WM2608-ND	.59	5.21	33.60	10-11-2093
10	1.020 (25.91)	WM2609-ND	.66	5.86	37.80	10-11-2103
11	1.120 (28.45)	WM2610-ND	.72	6.42	41.40	10-11-2113
12	1.220 (30.99)	WM2611-ND	.81	7.13	46.00	10-11-2123
Crimp Terminal, 22-30, Tin/Copper Plating		WM2612-ND	—	1.98	16.50	08-50-0005

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