

# molex C-Grid® .100" Crimp Connector Housings

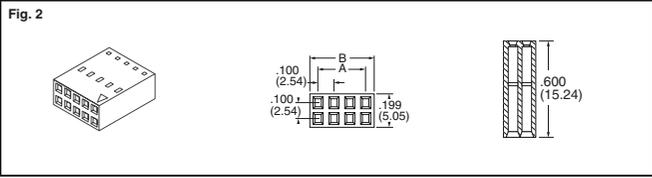
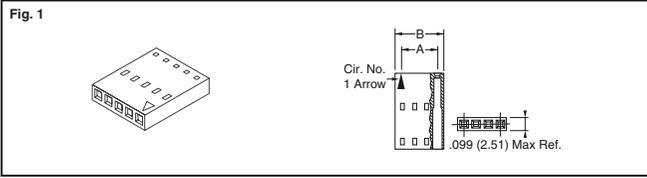


Fig.	Circuits	Dimension – Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
		A	B		1	10	100	500	
1	2	.100 (2.54)	.199 (5.05)	WM2800-ND	.71	4.42	25.41	101.62	50-57-9002
	3	.200 (5.08)	.299 (7.59)	WM2801-ND	.86	6.04	40.54	163.87	50-57-9003
	4	.300 (7.62)	.399 (10.13)	WM2802-ND	.69	4.80	32.27	130.47	50-57-9004
	5	.400 (10.16)	.499 (12.67)	WM2803-ND	.62	5.45	36.34	145.35	50-57-9005
	6	.500 (12.70)	.599 (15.21)	WM2804-ND	.66	5.81	38.78	155.11	50-57-9006
	7	.600 (15.24)	.699 (17.75)	WM2805-ND	.70	6.18	41.23	164.88	50-57-9007
	8	.700 (17.78)	.799 (20.29)	WM2806-ND	.74	6.55	43.64	174.57	50-57-9008
	9	.800 (20.32)	.899 (22.83)	WM2807-ND	.79	7.02	46.77	187.07	50-57-9009
	10	.900 (22.86)	.999 (25.37)	WM2808-ND	.84	7.39	49.25	197.00	50-57-9010
	2	4	.100 (2.54)	.199 (5.05)	WM2519-ND	1.78	15.70	104.69	418.74
6		.200 (5.08)	.299 (7.59)	WM2520-ND	1.53	13.49	89.91	359.64	22-55-2061
8		.300 (7.62)	.399 (10.13)	WM2521-ND	1.95	17.27	115.10	460.38	22-55-2081
10		.400 (10.16)	.499 (12.67)	WM2522-ND	1.54	12.80	94.77	379.07	22-55-2101

Fig.	Circuits	Dimension – Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
		A	B		1	10	100	500	
2	12	.500 (12.70)	.599 (15.21)	WM2523-ND	2.13	18.83	125.53	502.10	22-55-2121
	14	.600 (15.24)	.699 (17.75)	WM2524-ND	2.23	19.64	130.93	523.72	22-55-2141
	16	.700 (17.78)	.799 (20.29)	WM2525-ND	2.31	20.34	135.60	542.38	22-55-2161
	18	.800 (20.32)	.899 (22.83)	WM2526-ND	2.39	21.09	140.64	562.56	22-55-2181
	20	.900 (22.86)	.999 (25.37)	WM2527-ND	2.48	21.91	146.05	584.18	22-55-2201
	22	1.000 (25.40)	1.099 (27.91)	WM2528-ND	2.57	22.65	151.05	604.20	22-55-2221
	24	1.100 (27.95)	1.199 (30.45)	WM2529-ND	2.66	23.47	156.46	625.83	22-55-2241
	30	1.400 (35.56)	1.499 (38.07)	WM2530-ND	2.89	25.51	170.11	680.44	22-55-2301
	34	1.600 (40.64)	1.699 (43.15)	WM2542-ND	2.76	24.38	162.59	650.33	22-55-2341
	40	1.900 (48.26)	1.999 (50.77)	WM2531-ND	3.36	29.61	197.44	789.75	22-55-2401
50	2.400 (60.96)	2.499 (63.47)	WM2532-ND	3.79	33.45	223.01	892.05	22-55-2501	
Polarization Key, Black				WM1033-ND	.35	3.12	20.78	83.12	15-04-0292

## C-Grid® Box Crimp Terminals

**Terminal Material:** Phosphor Bronze  
**Current Rating:**  
 3.0Amps (24AWG) 30°C Rise Over Ambient  
 UL Listed and CSA Certified

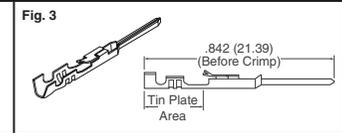
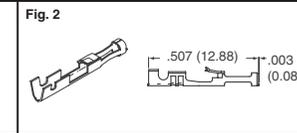
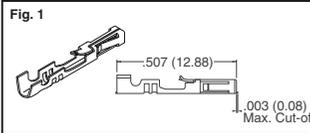


Fig.	Wire Range	Insul. Dia. Inch (mm)	Plating	Digi-Key Part No.	Pricing				Molex Part No.
					10	100	500	1,000	
1	22-24	.064 (1.63)	Tin†	WM2510-ND	1.59	7.02	27.20	47.59	16-02-0102
	22-24	.064 (1.63)	Tin†	WM2510CT-ND▲	—	5.71	22.10	38.68	16-02-0086
	22-24	.064 (1.63)	Tin†	WM2510TR-ND◊	—	496.50/20,000	—	—	16-02-0086
	22-24	.064 (1.63)	Gold†	WM2512-ND	1.95	9.74	38.05	67.25	16-02-0103
	22-24	.064 (1.63)	Gold†	WM2512CT-ND▲	—	9.00	35.20	62.09	16-02-0087
	22-24	.064 (1.63)	Gold†	WM2512TR-ND◊	—	800.80/20,000	—	—	16-02-0087
	22-24	.064 (1.63)	Gold†	WM2564-ND	1.31	10.97	43.88	72.85	16-02-0104
	22-24	.064 (1.63)	Gold†	WM2564CT-ND▲	—	10.53	42.11	75.79	16-02-0088
	22-24	.064 (1.63)	Gold†	WM2564TR-ND◊	—	1025.02/20,000	—	—	16-02-0088
	24-30	.060 (1.52)	Tin†	WM2562-ND	1.90	8.42	32.58	57.01	16-02-0096
2	24-30	.060 (1.52)	Tin†	WM2562CT-ND▲	—	5.26	20.37	35.65	16-02-0069
	24-30	.060 (1.52)	Tin†	WM2562TR-ND◊	—	464.46/20,000	—	—	16-02-0069
	24-30	.060 (1.52)	Gold†	WM2513-ND	1.95	9.74	38.05	67.25	16-02-0097
	24-30	.060 (1.52)	Gold†	WM2568CT-ND▲	—	11.63	46.51	83.72	16-02-0119
	24-30	.060 (1.52)	Gold†	WM2568TR-ND◊	—	1121.12/20,000	—	—	16-02-0119
	22-24	.064 (1.63)	Tin†	WM2517-ND	.74	6.15	24.58	40.81	16-02-0114
	22-24	.064 (1.63)	Tin†	WM2517CT-ND▲	—	4.60	18.42	30.57	16-02-0107
	22-24	.064 (1.63)	Tin†	WM2517TR-ND◊	—	736.74/20,000	—	—	16-02-0107
	22-24	.064 (1.63)	Gold†	WM2515-ND	2.52	12.62	49.33	87.18	16-02-0115
	22-24	.064 (1.63)	Gold†	WM2515CT-ND▲	—	10.29	40.23	70.97	16-02-0081
3	22-24	.064 (1.63)	Gold†	WM2515TR-ND◊	—	896.90/20,000	—	—	16-02-0081
	22-24	.064 (1.63)	Gold†	WM2567-ND	1.57	13.09	52.37	86.93	16-02-0117
	22-24	.064 (1.63)	Gold†	WM2567CT-ND▲	—	9.82	39.28	65.20	16-02-0116
	22-24	.064 (1.63)	Gold†	WM2567TR-ND◊	—	1697.70/20,000	—	—	16-02-0116
	24-30	.060 (1.52)	Tin†	WM2565-ND	.74	6.15	24.58	40.81	16-02-0108
	24-30	.060 (1.52)	Tin†	WM2565CT-ND▲	—	5.93	22.93	40.14	16-02-0105
	24-30	.060 (1.52)	Tin†	WM2565TR-ND◊	—	496.50/20,000	—	—	16-02-0105
	24-30	.060 (1.52)	Gold†	WM2563CT-ND▲	1.27	10.19	42.44	76.40	16-02-0077
	24-30	.060 (1.52)	Gold†	WM2563TR-ND◊	—	1361.36/20,000	—	—	16-02-0077

Fig.	Wire Range	Insul. Dia. Inch (mm)	Plating	Digi-Key Part No.	Pricing				Molex Part No.
					10	100	500	1,000	
3	24-30	.060 (1.52)	Gold†	WM2516-ND	1.25	10.39	41.56	68.99	16-02-0109
	24-30	.060 (1.52)	Gold†	WM2566-ND	1.57	13.09	52.37	86.93	16-02-0110
2	22-24	.064 (1.63)	Tin†	WM2569CT-ND▲	—	6.14	24.56	40.77	16-02-1110
	22-24	.064 (1.63)	Tin†	WM2569TR-ND◊	—	976.98/20,000	—	—	16-02-1110
	22-24	.064 (1.63)	Gold†	WM2573CT-ND▲	—	9.95	39.82	66.11	16-02-1124
	22-24	.064 (1.63)	Gold†	WM2573TR-ND◊	—	1681.68/20,000	—	—	16-02-1124
	22-24	.064 (1.63)	Gold†	WM2573-ND	2.80	14.01	54.75	96.77	16-02-1125
	22-24	.064 (1.63)	Gold†	WM2570CT-ND▲	—	13.42	54.14	96.89	16-02-1111
	22-24	.064 (1.63)	Gold†	WM2570TR-ND◊	—	1377.38/20,000	—	—	16-02-1111
	22-24	.064 (1.63)	Gold†	WM2570-ND	1.76	14.65	58.62	97.31	16-02-1115
	24-30	.060 (1.52)	Tin†	WM2571-ND	.98	8.15	32.59	54.10	16-02-1116
	24-30	.060 (1.52)	Tin†	WM2571CT-ND▲	—	8.42	32.93	58.07	16-02-1112
Universal Crimp Tool	24-30	.060 (1.52)	Tin†	WM2571TR-ND◊	—	800.80/20,000	—	—	16-02-1112
	24-30	.060 (1.52)	Gold†	WM2555-ND	2.56	14.72	58.86	105.95	16-02-1109
	24-30	.060 (1.52)	Gold†	WM2572CT-ND▲	—	13.42	54.14	96.89	16-02-1113
	24-30	.060 (1.52)	Gold†	WM2572TR-ND◊	—	1377.38/20,000	—	—	16-02-1113
	24-30	.060 (1.52)	Gold†	WM2572-ND	1.76	14.65	58.62	97.31	16-02-1117
	C-Grid Hand Crimper 22-24/32-36AWG				WM9999-ND	—	27.03/1	—	63811-1000
	C-Grid Hand Crimper 24-30AWG				WM9017-ND	—	215.68/1	—	63811-8700
	C-Grid Hand Crimper 24-30AWG				WM9998-ND	—	215.68/1	—	63811-8800
	C-Grid Hand Crimper 20-36AWG				WM17552-ND	—	80.72/1	—	64016-0201
	Insertion Tool				WM9911-ND	—	12.25/1	—	11-02-0022
Extraction Tool				WM1032-ND	—	12.25/1	—	11-03-0036	
Manual Wire Stripper				WM9969-ND	—	50.45/1	—	63817-0000	

▲ High pressure type for low pin count † 150µ" tin/lead over 50µ" minimum nickel overall  
 †† 15µ" minimum gold in select area over 50µ" minimum nickel overall with 75µ" minimum tin in select area  
 ††† 30µ" minimum gold in select area over 50µ" minimum nickel overall with 75µ" minimum tin/lead in select area  
 ▲ Cut Tape ◊ Tape and Reel

## C-Grid III™ 2.54mm (.100") Pitch Modular Crimp Connector Housing



**Specifications:**  
**Electrical:** • Voltage: 350V • Insulation Resistance: 1,000MΩ minimum • Current Rating: 3.0A • Contact Resistance: 20mΩ maximum  
**Physical:** • Housing: Black Polyethylene Oxide • UL94V-1 • Operating Temperature: -55°C - 105°C  
**Note:** C-Grid III does not mate to C-Grid®

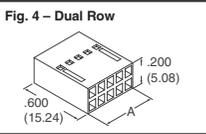
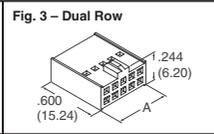
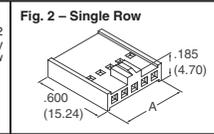
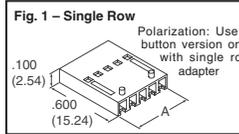


Fig.	Circuits	Dimension A Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
		1	10		100	500			
1	2	.200 (5.08)	.300 (7.62)	WM8000-ND	.20	1.77	11.80	47.17	90123-0102
	3	.300 (7.62)	.400 (10.16)	WM8001-ND	.30	2.59	17.22	68.87	90123-0103
	4	.400 (10.16)	.500 (12.70)	WM8002-ND	.38	3.39	22.61	90.41	90123-0104
	5	.500 (12.70)	.600 (15.24)	WM8003-ND	.47	4.20	28.01	112.03	90123-0105
	6	.600 (15.24)	.700 (17.78)	WM8004-ND	.56	4.96	33.10	132.37	90123-0106
	7	.700 (17.78)	.800 (20.32)	WM8005-ND	.64	5.74	38.19	152.71	90123-0107
	8	.800 (20.32)	.900 (22.86)	WM8006-ND	.74	6.60	43.96	175.86	90123-0108
	9	.900 (22.86)	1.000 (25.40)	WM8007-ND	.84	7.44	50.00	199.00	90123-0109
	10	1.000 (25.40)	1.100 (27.94)	WM8008-ND	.94	8.34	56.34	223.34	90123-0110
	2	15	1.500 (38.10)	1.600 (40.64)	WM8011-ND	1.29	11.39		