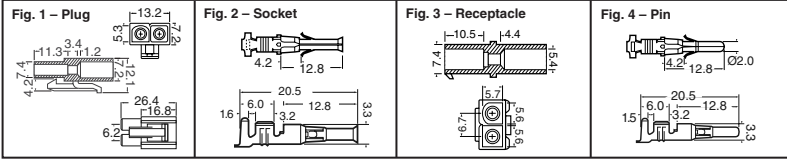


molex "Toy Car" Battery Connector



Crimp Terminal Connector Kits

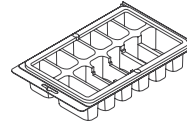


Features:

- 15 Amp current rating per circuit
- 300V voltage rating
- 14 - 20AWG wire range
- Nylon 6/6 housing 94V-2
- Industry standard product for radio controlled toy cars

Fig.	Digi-Key Part No.	Pricing				Molex Part No.
		1	10	50	100	
1	WM2308-ND	.28	2.45	11.43	16.34	35143-0201
2	WM2311-ND	.06	.55	2.57	3.67	35728-0201
3	WM2309-ND	.40	2.45	8.15	14.05	35141-0201
4	WM2310-ND	.07	.64	2.99	4.28	35727-0201

WM9999-ND	Universal Crimp Tool (Waldom)	23.39
WM9969-ND	Manual Wire Stripper (Waldom)	43.66

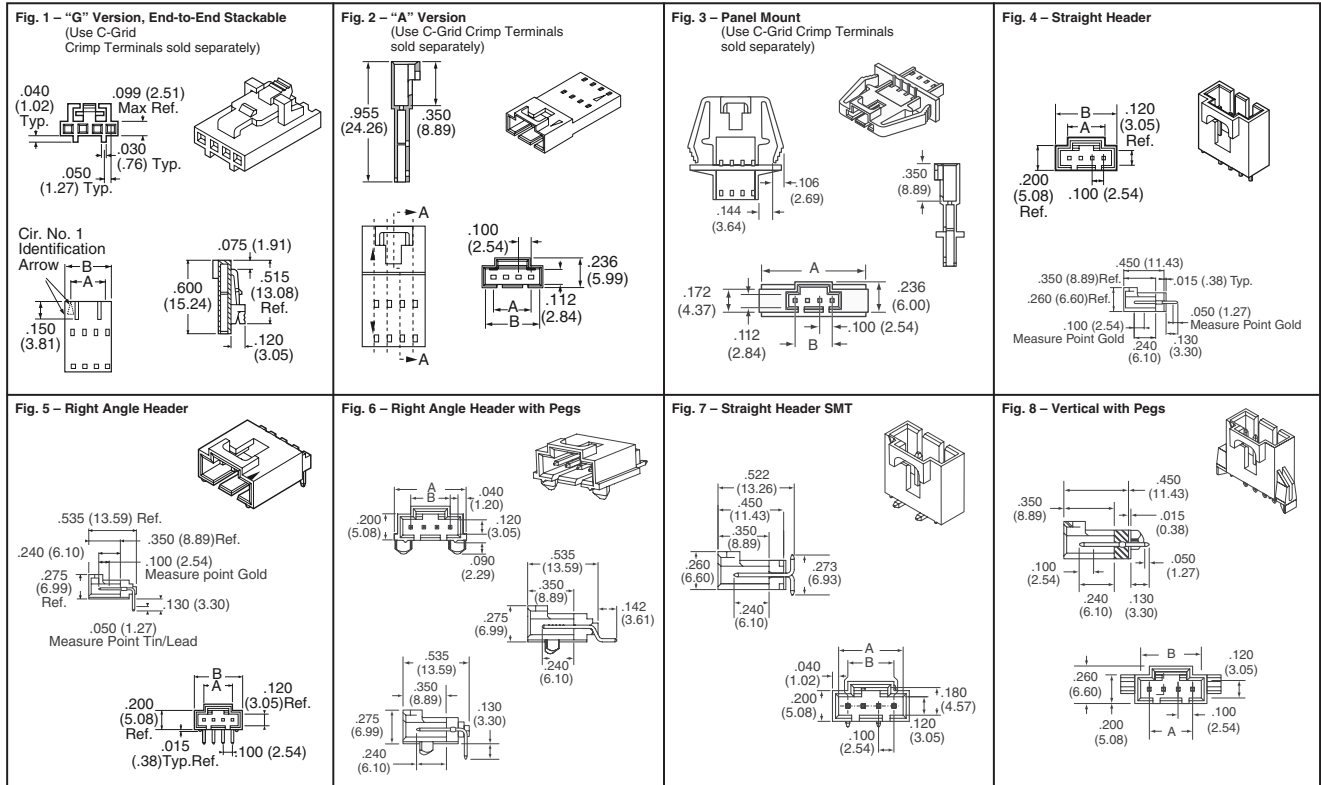


Item	WM9983 Kit Qty.	WM9981 Kit Qty.
Crimp Terminal Housings	36	48
Straight Headers	18	24
Right Angle Headers	18	24
Shunts	10	—
Crimp Terminal (22 - 30AWG)	100	—
Crimp Terminal (18 - 24AWG)	—	100
Crimping Tool 63811-1000	1	1
Extractor Tool HT-1884	1	1

Description	Digi-Key Part No.	Price Each	Molex Part No.
KK Series Connector Kit	WM9983-ND	35.72	76650-0009
KK Series Connector Kit	WM9981-ND	32.90	76650-0010

C-Grid® SL™ .100

Material: • Pins: .025" square, phosphor bronze • Insulator: UL 94V-0 glass filled PCT, black; Vapor phase and infrared process compatible • Plating: 15µ" minimum gold or 150µ" minimum tin/lead **Electrical:** • Current Rating: 3 amps • Insulation Resistance: 1,000MΩ • Dielectric Strength: 600VAC r.m.s for 1 minute **Environmental:** • Operating Temperature: -40°C - 105°C • UL Listed and CSA Certified



Cir- cuts	Dimension - Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
	A	B		1	10	100	500	
Receptacle Housing (Contact Sold Separately)								
2	.100 (2.54)	.199 (5.05)	WM2900-ND	.53	3.70	24.85	100.46	50-57-9402
3	.200 (5.08)	.299 (7.59)	WM2901-ND	.51	3.18	18.28	73.11	50-57-9403
4	.300 (7.62)	.399 (10.13)	WM2902-ND	.51	3.59	24.12	97.51	50-57-9404
5	.400 (10.16)	.499 (12.67)	WM2903-ND	.66	4.62	31.05	125.55	50-57-9405
6	.500 (12.70)	.599 (15.21)	WM2904-ND	.60	4.16	27.93	112.91	50-57-9406
7	.600 (15.24)	.699 (17.75)	WM2905-ND	.69	4.78	32.11	129.83	50-57-9407
8	.700 (17.78)	.799 (20.29)	WM2906-ND	.74	5.20	34.91	141.15	50-57-9408
9	.800 (20.32)	.899 (22.83)	WM2907-ND	.58	4.61	38.38	153.50	50-57-9409
10	.900 (22.86)	.999 (25.37)	WM2908-ND	.58	4.64	38.68	154.71	50-57-9410
11	1.00 (25.40)	1.099 (27.91)	WM2909-ND	.65	5.19	43.23	172.90	50-57-9411
12	1.10 (27.94)	1.199 (30.45)	WM2910-ND	.55	4.46	37.17	148.65	50-57-9412
13	1.20 (30.48)	1.299 (32.99)	WM2911-ND	.80	6.42	53.49	213.93	50-57-9413
14	1.30 (33.02)	1.399 (35.53)	WM2912-ND	.87	7.00	58.34	233.33	50-57-9414
15	1.40 (35.56)	1.499 (38.07)	WM2913-ND	.91	7.33	61.04	244.14	50-57-9415
16	1.50 (38.10)	1.599 (40.61)	WM2914-ND	.96	7.72	64.35	257.38	50-57-9416
17	1.60 (40.64)	1.699 (43.15)	WM2915-ND	1.00	8.02	66.79	267.15	50-57-9417
18	1.70 (43.18)	1.799 (45.69)	WM2916-ND	1.05	8.45	70.41	281.64	50-57-9418
19	1.80 (45.72)	1.899 (48.23)	WM2917-ND	1.30	10.41	86.72	346.85	50-57-9419
20	1.90 (48.26)	1.999 (50.77)	WM2918-ND	1.35	10.80	90.06	360.22	50-57-9420
21	2.00 (50.80)	2.099 (53.31)	WM2919-ND	1.39	11.14	92.78	371.10	50-57-9421
22	2.10 (53.34)	2.199 (55.85)	WM2920-ND	1.43	11.46	95.50	381.98	50-57-9422

Cir- cuts	Dimension - Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
	A	B		1	10	100	500	
Pin Housing (Contact Sold Separately) — RoHS Compliant								
2	.100 (2.54)	.220 (5.59)	WM2533-ND	.85	5.96	40.00	161.69	70107-0001
3	.200 (5.08)	.320 (8.13)	WM2534-ND	.80	5.58	37.44	151.36	70107-0002
4	.300 (7.62)	.420 (10.67)	WM2535-ND	.67	5.23	39.93	159.73	70107-0003
5	.400 (10.16)	.520 (13.21)	WM2536-ND	.78	6.06	46.19	184.74	70107-0004
6	.500 (12.70)	.620 (15.75)	WM2537-ND	1.03	8.01	61.11	244.43	70107-0005
7	.600 (15.24)	.720 (18.29)	WM2538-ND	1.11	8.86	73.80	295.22	70107-0006
8	.700 (17.78)	.820 (20.83)	WM2539-ND	1.14	9.09	75.77	303.05	70107-0007
9	.800 (20.32)	.920 (23.37)	WM2540-ND	1.16	9.29	77.37	309.49	70107-0008
10	.900 (22.86)	1.020 (25.91)	WM2541-ND	1.21	9.67	80.62	322.45	70107-0009
11	1.00 (25.40)	1.18 (29.97)	WM2543-ND	1.19	9.54	79.54	318.16	70107-0010
12	1.10 (27.94)	1.28 (32.51)	WM2544-ND	1.22	9.75	81.28	325.09	70107-0011
Panel Mount Pin Housing (Contact Sold Separately) — RoHS Compliant								
2	.650 (16.51)	.100 (2.54)	WM2574-ND	1.04	8.33	69.40	277.62	70107-0036
3	.750 (19.05)	.200 (5.08)	WM2575-ND	1.05	8.43	70.29	281.15	70107-0037
4	.850 (21.59)	.300 (7.62)	WM2576-ND	1.08	8.68	72.30	289.19	70107-0038
5	.950 (24.13)	.400 (10.16)	WM2577-ND	1.09	8.71	72.58	290.30	70107-0039
6	1.050 (26.67)	.500 (12.70)	WM2578-ND	1.12	8.99	74.91	299.65	70107-0040

♦ RoHS Compliant

(Continued)

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