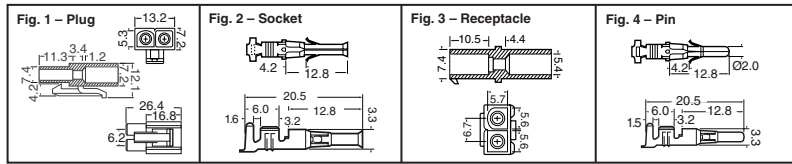


# molex® "Toy Car" Battery Connector



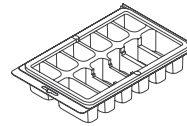
### Features:

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

Fig.	Digi-Key Part No.	1	10	50	100	Molex Part No.
1	WM2308-ND	.40	3.54	16.50	23.58	35143-0201
2	WM2311-ND	.11	.97	4.51	6.44	35728-0201
3	WM2309-ND	.39	3.40	15.86	22.66	35141-0201
4	WM2310-ND	.12	1.10	5.14	7.34	35727-0201

WM9999-ND	Universal Crimp Tool (Waldom)	\$50.75
WM9969-ND	Manual Wire Stripper (Waldom)	\$84.59

# Crimp Terminal Connector Kits



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 (22-30 AWG)	100	—
Crimp Terminal (18-24 AWG)	—	100
Crimping Tool 63811-1000	1	1
Extractor Tool HT-1884	1	1

**A**

Description	Digi-Key Part No.	Price Each	Molex Part No.
KK Series .100" Connector Kit	WM9983-ND	51.55	MXXK-100
KK Series .156" Connector Kit	WM9981-ND	47.48	MXXK-156

# 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

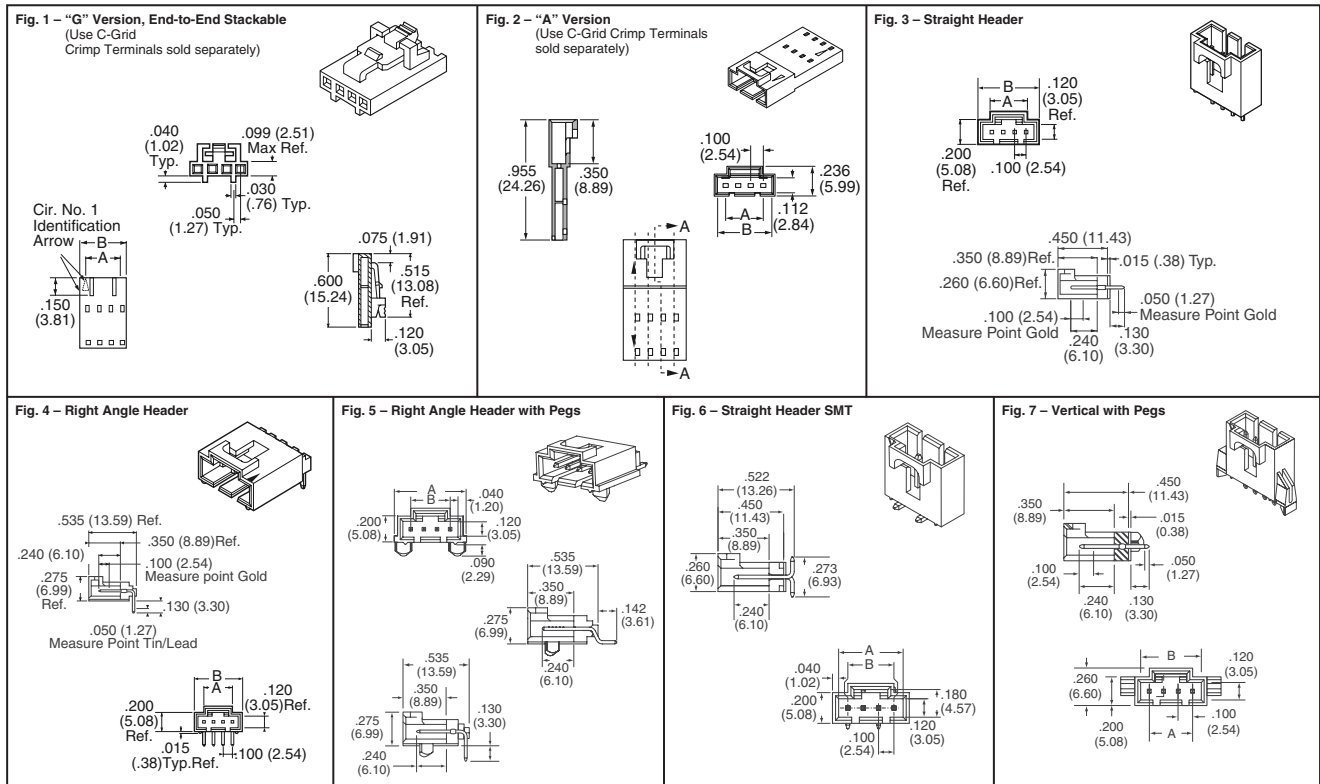


Fig.	Cir-cuits	Dimension - Inch (mm)	Digi-Key Part No.	1	10	50	100	500	Molex Part No.	
<b>Receptacle Housing (Contact Sold Separately)</b>										
1	2	.100 (2.54)	WM2900-ND	.44	3.56	29.67	118.66		50-57-9402	
	3	.200 (5.08)	WM2901-ND	.31	2.46	20.49	81.95		50-57-9403	
	4	.300 (7.62)	WM2902-ND	.43	3.46	28.80	115.18		50-57-9404	
	5	.400 (10.16)	WM2903-ND	.56	4.45	37.06	148.24		50-57-9405	
	6	.500 (12.70)	WM2904-ND	.65	5.24	43.63	174.51		50-57-9406	
	7	.600 (15.24)	WM2905-ND	.75	6.02	50.15	200.61		50-57-9407	
	8	.700 (17.78)	WM2906-ND	.82	6.54	54.50	218.01		50-57-9408	
	9	.800 (20.32)	WM2907-ND	.83	6.65	55.38	221.50		50-57-9409	
	10	.900 (22.86)	WM2908-ND	.84	6.70	55.81	223.24		50-57-9410	
	11	1.00 (25.40)	WM2909-ND	.94	7.48	62.37	249.49		50-57-9411	
	1	12	1.10 (27.94)	WM2910-ND	.80	6.44	53.63	214.53		50-57-9412
		13	1.20 (30.48)	WM2911-ND	1.16	9.26	77.17	308.66		50-57-9413
		14	1.30 (33.02)	WM2912-ND	1.26	10.10	84.17	336.67		50-57-9414
		15	1.40 (35.56)	WM2913-ND	1.32	10.57	88.08	352.33		50-57-9415
		16	1.50 (38.10)	WM2914-ND	1.39	11.14	92.87	371.48		50-57-9416
		17	1.60 (40.64)	WM2915-ND	1.45	11.57	96.39	385.55		50-57-9417
18		1.70 (43.18)	WM2916-ND	1.52	12.19	101.61	406.44		50-57-9418	
19		1.80 (45.72)	WM2917-ND	1.88	15.02	125.14	500.57		50-57-9419	
20		1.90 (48.26)	WM2918-ND	1.95	15.60	129.97	519.88		50-57-9420	
21		2.00 (50.80)	WM2919-ND	2.01	16.07	133.88	535.53		50-57-9421	

Fig.	Cir-cuits	Dimension - Inch (mm)	Digi-Key Part No.	1	10	50	100	500	Molex Part No.	
1	22	2.10 (53.34)	WM2920-ND	2.07	16.54	137.80	551.20		50-57-9422	
	23	2.20 (55.88)	WM2921-ND	2.13	17.01	141.72	566.87		50-57-9423	
	24	2.30 (58.42)	WM2922-ND	2.20	17.58	146.50	586.01		50-57-9424	
	25	2.40 (60.96)	WM2923-ND	2.26	18.11	150.89	603.56		50-57-9425	
	<b>Pin Housing (Contact Sold Separately) - RoHS Compliant</b>									
2	2	.100 (2.54)	WM2533-ND	.98	7.84	65.35	261.40		70107-0001	
	3	.200 (5.08)	WM2534-ND	.99	7.94	66.20	264.79		70107-0002	
	4	.300 (7.62)	WM2535-ND	1.03	8.24	68.66	274.65		70107-0003	
	5	.400 (10.16)	WM2536-ND	1.19	9.53	79.42	317.68		70107-0004	
	6	.500 (12.70)	WM2537-ND	1.51	12.06	100.49	401.95		70107-0005	
	2	7	.600 (15.24)	WM2538-ND	1.53	12.20	101.68	406.72		70107-0006
		8	.700 (17.78)	WM2539-ND	1.57	12.52	104.36	417.43		70107-0007
		9	.800 (20.32)	WM2540-ND	1.59	12.76	106.32	425.27		70107-0008
		10	.900 (22.86)	WM2541-ND	1.66	13.26	110.53	442.13		70107-0009
		11	1.00 (25.40)	WM2543-ND	1.72	13.77	114.76	459.05		70107-0010
		12	1.10 (27.94)	WM2544-ND	1.76	14.07	117.27	469.08		70107-0011
	<b>15µ" Minimum Gold</b>									
3	2	.100 (2.54)	WM4800-ND	1.06	8.48	70.63	282.52		70543-0001	
	3	.200 (5.08)	WM4801-ND	1.05	8.42	70.21	280.83		70543-0002	
	4	.300 (7.62)	WM4802-ND	1.14	9.09	75.72	302.87		70543-0003	

♦ RoHS Compliant

(Continued)

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