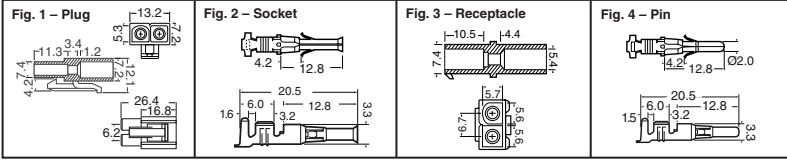


molex "Toy Car" Battery Connector



Crimp Terminal Connector Kits

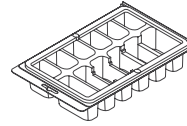


Features:

- 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	100	Molex Part No.
1	WM2308-ND	.17	1.65	7.75	35143-0201
2	WM2311-ND	.03	.29	1.39	35728-0201
3	WM2309-ND	.17	1.59	7.45	35141-0201
4	WM2310-ND	.04	.37	1.75	35727-0201

WM9999-ND	Universal Crimp Tool (Waldom)	70.79
WM9969-ND	Manual Wire Stripper (Waldom)	110.60



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

Description	Digi-Key Part No.	Price Each	Molex Part No.
KK Series .100" Connector Kit	WM9983-ND	102.27	MXKK-100
KK Series .156" Connector Kit	WM9981-ND	103.43	MXKK-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

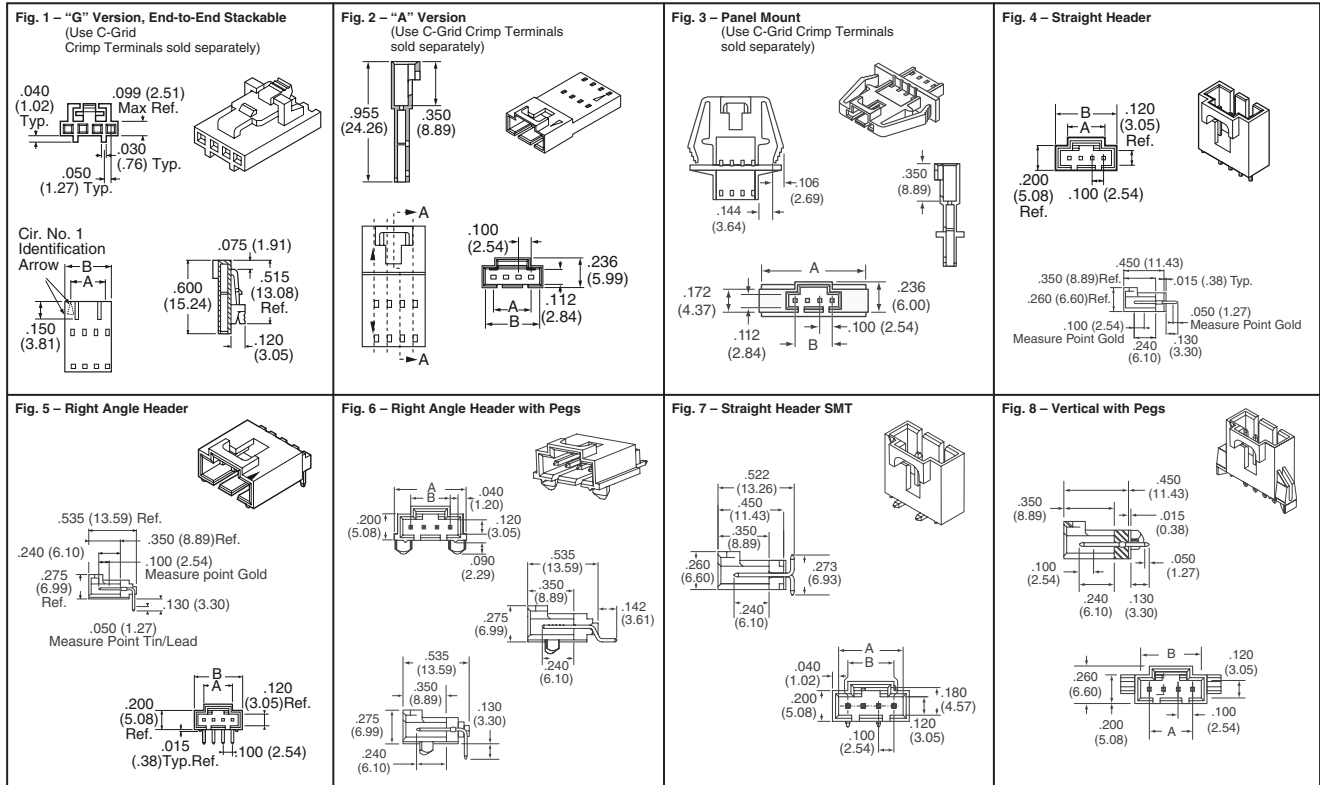


Fig.	Cir- cuts	Dimension – Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
		A	B		1	10	100	500	
Receptacle Housing (Contact Sold Separately)									
1	2	.100 (2.54)	.199 (5.05)	WM2900-ND	.13	1.22	11.16	52.52	50-57-9402
	3	.200 (5.08)	.299 (7.59)	WM2901-ND	.08	.75	6.87	32.32	50-57-9403
	4	.300 (7.62)	.399 (10.13)	WM2902-ND	.12	1.13	10.31	48.48	50-57-9404
	5	.400 (10.16)	.499 (12.67)	WM2903-ND	.17	1.60	14.60	68.68	50-57-9405
	6	.500 (12.70)	.599 (15.21)	WM2904-ND	.20	1.88	17.18	80.80	50-57-9406
	7	.600 (15.24)	.699 (17.75)	WM2905-ND	.27	2.54	23.19	109.08	50-57-9407
	8	.700 (17.78)	.799 (20.29)	WM2906-ND	.27	2.54	23.19	109.08	50-57-9408
	9	.800 (20.32)	.899 (22.83)	WM2907-ND	.31	2.92	26.62	125.24	50-57-9409
	10	.900 (22.86)	.999 (25.37)	WM2908-ND	.31	2.91	26.54	124.84	50-57-9410
	11	1.00 (25.40)	1.099 (27.91)	WM2909-ND	.37	3.43	31.34	147.46	50-57-9411
	12	1.10 (27.94)	1.199 (30.45)	WM2910-ND	.41	3.87	35.29	166.04	50-57-9412
	13	1.20 (30.48)	1.299 (32.99)	WM2911-ND	.57	5.40	49.08	188.13	50-57-9413
	14	1.30 (33.02)	1.399 (35.53)	WM2912-ND	.62	5.89	53.53	205.20	50-57-9414
	15	1.40 (35.56)	1.499 (38.07)	WM2913-ND	.65	6.16	56.02	214.75	50-57-9415
	16	1.50 (38.10)	1.599 (40.61)	WM2914-ND	.69	6.50	59.07	226.42	50-57-9416
	17	1.60 (40.64)	1.699 (43.15)	WM2915-ND	.72	6.74	61.30	235.00	50-57-9417
	18	1.70 (43.18)	1.799 (45.69)	WM2916-ND	.75	7.11	64.62	247.73	50-57-9418
	19	1.80 (45.72)	1.899 (48.23)	WM2917-ND	.93	8.76	79.59	305.10	50-57-9419
	20	1.90 (48.26)	1.999 (50.77)	WM2918-ND	.96	9.09	82.66	316.87	50-57-9420
	21	2.00 (50.80)	2.099 (53.31)	WM2919-ND	.99	9.37	85.15	326.41	50-57-9421
	22	2.10 (53.34)	2.199 (55.85)	WM2920-ND	1.02	9.64	87.64	335.96	50-57-9422

Fig.	Cir- cuts	Dimension – Inch (mm)		Digi-Key Part No.	Pricing				Molex Part No.
		A	B		1	10	100	500	
1	23	2.20 (55.88)	2.299 (58.39)	WM2921-ND	1.05	9.91	90.13	345.51	50-57-9423
	24	2.30 (58.42)	2.399 (60.93)	WM2922-ND	1.09	10.25	93.18	357.18	50-57-9424
	25	2.40 (60.96)	2.499 (63.47)	WM2923-ND	1.12	10.56	95.97	367.87	50-57-9425
Pin Housing (Contact Sold Separately) – RoHS Compliant									
2	2	.100 (2.54)	.220 (5.59)	WM2533-ND	.49	3.90	32.00	150.55	70107-0001
	3	.200 (5.08)	.320 (8.13)	WM2534-ND	.34	3.20	29.20	137.36	70107-0002
	4	.300 (7.62)	.420 (10.67)	WM2535-ND	.37	3.48	31.77	149.48	70107-0003
	5	.400 (10.16)	.520 (13.21)	WM2536-ND	.61	5.74	52.38	246.44	70107-0004
	6	.500 (12.70)	.620 (15.75)	WM2537-ND	.60	5.68	51.87	244.01	70107-0005
	7	7	.600 (15.24)	.720 (18.29)	WM2538-ND	1.20	11.29	103.05	484.79
8		.700 (17.78)	.820 (20.83)	WM2539-ND	.89	8.37	76.43	359.55	70107-0007
9		.800 (20.32)	.920 (23.37)	WM2540-ND	1.28	12.04	109.92	517.11	70107-0008
10		.900 (22.86)	1.020 (25.91)	WM2541-ND	1.11	10.44	95.32	448.43	70107-0009
11		1.00 (25.40)	1.18 (29.97)	WM2543-ND	.85	8.03	72.99	279.79	70107-0010
12		1.10 (27.94)	1.28 (32.51)	WM2544-ND	.87	8.20	74.58	285.90	70107-0011
Panel Mount Pin Housing (Contact Sold Separately) – RoHS Compliant									
2	2	.650 (16.51)	.100 (2.54)	WM2574-ND	1.09	8.73	72.69	290.78	70107-0036
	3	.750 (19.05)	.200 (5.08)	WM2575-ND	1.10	8.84	73.62	294.48	70107-0037
	4	.850 (21.59)	.300 (7.62)	WM2576-ND	1.14	9.09	75.75	302.99	70107-0038
3	5	.950 (24.13)	.400 (10.16)	WM2577-ND	1.14	9.13	76.03	304.12	70107-0039
	6	1.050 (26.67)	.500 (12.70)	WM2578-ND	1.18	9.42	78.47	313.87	70107-0040

• RoHS Compliant

(Continued)

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