

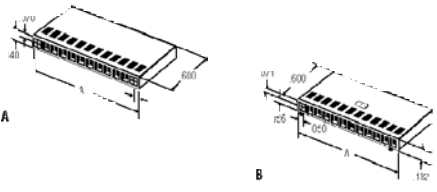
## AMPMODU® Printed Circuit Board Connectors

### Mod. IV Wire-Applied Housings

For termination of discrete wires. Receptacles mate with .025" square or round posts. Contacts are sold separately — order from the contacts listed below. Single and double row housings listed below are on .100" centerlines. **Contact Current Rating:** 3 amperes. **Housing Material:** Black thermoplastic — flame retardant. UL recognized, CSA certified.

#### Single Row — .100" Centers

Sold without contacts — See Mod. IV contacts below.



Non-Polarized — Stamped — Fig. A

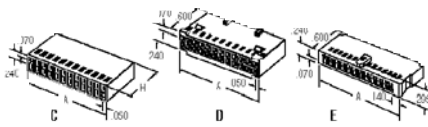
Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6150	87499-3	2	0.205"	.72	.65
512-6152	87499-5	3	0.305"	.51	.46
512-6154	87499-7	4	0.405"	.45	.40
512-6156	87499-9	5	0.505"	.36	.32
512-6158	1-87499-1	6	0.605"	.45	.40
512-6161	87499-1	7	0.705"	.60	.54
512-6162	1-87499-3	8	0.805"	.48	.43
512-6164	1-87499-5	9	0.905"	.63	.57
512-6166	1-87499-7	10	1.005"	.57	.51
512-6161	2-87499-1	12	1.205"	.60	.54
512-6163	2-87499-5	14	1.405"	.72	.65
512-6155	2-87499-9	16	1.605"	.78	.70
512-6159	3-87499-4	18	1.805"	.81	.73
512-6159	3-87499-7	20	2.005"	.93	.83

Polarized (with detent latching) — Stamped — Fig. B

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6170	102241-1	3	0.300"	.24	.22
512-6172	102241-2	4	0.400"	.27	.24
512-6174	102241-3	5	0.500"	.30	.27
512-6176	102241-4	6	0.600"	.33	.30
512-6173	102241-6	8	0.800"	.39	.35
512-6177	102241-8	10	1.000"	.48	.43
512-6163	1-102241-0	12	1.200"	.54	.48
512-6165	1-102241-2	14	1.400"	.60	.54

### Double Row — .100" × .100" Centers

Sold without contacts — See Mod. IV contacts below.



Non-Polarized — Stamped — Fig. C

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6171	87456-2	6	0.300"	.90	.81
512-6180	87456-4	8	0.400"	.93	.83
512-6182	87456-6	10	0.500"	.96	.86
512-6186	1-87456-0	14	0.700"	1.05	.94
512-6190	1-87456-6	20	1.000"	1.32	1.18
512-6192	2-87456-2	26	1.300"	1.55	1.40
512-6179	2-87456-6	30	1.500"	2.03	1.83
512-6194	3-87456-0	34	1.700"	2.06	1.86
512-6196	3-87456-6	40	2.000"	2.33	2.10
512-6198	4-87456-0	50	2.500"	2.81	2.53

Polarized (with detent latching) — Stamped — Fig. D

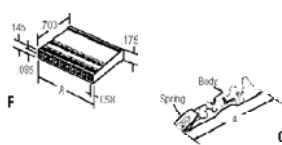
Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6200	87631-2	6	0.300"	.87	.78
512-6202	87631-4	8	0.400"	.93	.83
512-6204	87631-6	10	0.500"	.99	.89
512-6206	87631-8	12	0.600"	1.08	.97
512-6208	1-87631-0	14	0.700"	1.14	1.02
512-6210	1-87631-2	16	0.800"	1.26	1.13
512-6212	1-87631-6	20	1.000"	1.46	1.32
512-6214	2-87631-2	26	1.300"	1.70	1.53
512-6181	2-87631-6	30	1.500"	1.91	1.72
512-6183	3-87631-0	34	1.600"	2.12	1.91
512-6216	3-87631-6	40	2.000"	2.33	2.10
512-6218	4-87631-2	50	2.500"	2.87	2.58

Center Polarized — Stamped — Fig. E

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6220	102387-1	10	0.680"	1.02	.91
512-6222	102387-2	14	0.880"	1.08	.97
512-6224	102387-3	16	0.980"	1.26	1.13
512-6226	102387-4	20	1.180"	1.44	1.29
512-6228	102387-6	26	1.480"	1.58	1.43
512-6230	102387-8	34	1.880"	2.00	1.80
512-6232	102387-9	40	2.180"	2.21	1.99
512-6234	1-102387-0	50	2.680"	2.72	2.45

### Locking Clip Contact Housings

Material: Glass-filled Nylon, UL94V-0 Rated.



Single Row — Unstamped — Fig. F

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6250	87175-2	1	0.108"	.34	.31
512-6252	87175-6	2	0.216"	.49	.44
512-6254	87175-8	3	0.316"	1.06	.96
512-6256	1-87175-0	4	0.416"	.66	.59
512-6258	1-87175-2	5	0.516"	.66	.61
512-6260	1-87175-4	6	0.616"	1.49	1.34
512-6262	1-87175-6	7	0.716"	1.52	1.37
512-6264	1-87175-8	8	0.816"	1.91	1.72
512-6269	2-87175-1	10	1.016"	1.84	1.66

Double Row — Unstamped

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH	
				1-99	100-499
512-6187	87133-1	4	0.216"	1.48	1.33
512-6189	87133-7	6	0.316"	1.44	1.30
512-6193	87133-9	8	0.416"	3.54	3.18
512-6195	87133-2	10	0.516"	1.62	1.46
512-6197	1-87133-1	12	0.616"	2.12	1.91

Locking Clip Contacts — Fig. G

Stock No.	Mfr.'s Type	AWG	Ins. Dia. (Max.)	Plating Code	EACH	
					1-99	100-499
512-6199	87191-1	30-28	0.039"	*	.37	.33
512-6275	87165-1	26-22	0.062"	*	.32	.29

\*Sel. Gold/Nickel.

### Keying Plug

Note: Mod. IV uses the same keying plugs and extraction/lance reset tool as the MT-Series.

512-6270, Model 87179-1, 1-99	EACH	.10
100-499	EACH	.09

### Extraction Tool

512-9118, Model 91084-1	EACH	31.62	87179-1	91084-1
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### Crimp Tools

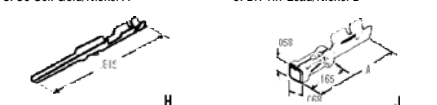
512-9116, 90289-1, For 26-22 AWG Wire	EACH	438.60
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### Mod. IV Crimp Snap-in Contacts

6 Types of Plating

- 30 Gold Duplex
- 15 Gold Duplex
- 30 Sel. Gold/Nickel A

- 15 Gold Select/Nickel
- 5 Br. Tin-Lead/Nickel A
- 6 Br. Tin-Lead/Nickel B



Pin with Insulation Support — Fig. H

Stock No.	Mfr.'s Type	AWG	Ins. Dia. (Max.)	Plating Code	EACH	
					1-99	100-499
512-6276	102107-2	26-22	0.061"	3	.32	.29
512-6277	102107-3	26-22	0.061"	5	.12	.11

### Receptacles with Insulation Support — Fig. J

Standard Pressure. Material: Phosphor Bronze.

Stock No.	Mfr.'s Type	AWG	Ins. Dia. (Max.)	Plating Code	EACH	
					1-99	100-499
512-6203	1-102316-3	32-27	0.040"	2	.21	.19
512-6205	1-102316-4	32-27	0.040"	1	.22	.19
512-6280	87756-7	26-22	0.061"	6	.13	.12
512-6282	1-87756-6	26-22	0.061"	2	.21	.19
512-6284	1-87756-8	26-22	0.061"	1	.22	.19
512-6286	87523-6	24-20	0.069"	6	.13	.11
512-6288	1-87523-6	24-20	0.069"	2	.21	.19
512-6290	1-87523-9	24-20	0.069"	1	.22	.19

Standard Pressure. Material: Beryllium Copper.

512-6292	87667-5	26-22	0.061"	4	.27	.24
512-6294	87667-2	26-22	0.061"	3	.30	.27
512-6296	86016-5	24-20	0.069"	4	.30	.27
512-6298	86016-2	24-20	0.069"	3	.27	.24

Intermediate Pressure. Material: Beryllium Copper.

Stock No.	Mfr.'s Type	AWG	Ins. Dia. (Max.)	Plating Code	EACH	
					1-99	100-499
512-6207	102918-2	32-27	0.040"	3	.50	.45
512-6300	102548-6	26-22	0.061"	3	.33	.30
512-6302	87046-4	24-20	0.069"	6	.25	.23
512-6304	87046-1	24-20	0.069"	4	.30	.27
512-6306	87046-3	24-20	0.069"	3	.34	.30

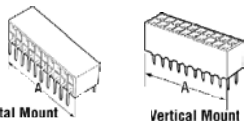
High Pressure. Material: Phosphor Bronze.

Stock No.	Mfr.'s Type	AWG	Ins. Dia. (Max.)	Plating Code	EACH	
					1-99	100-499
512-6209	103455-2	32-27	0.040"	3	.36	.32
512-6308	102128-2	26-22	0.061"	6	.16	.15
512-6310	102128-1	26-22	0.061"	3	.26	.23
512-6312	1-87309-4	24-20	0.069"	3	.26	.24

Crimping Tools for Mod. IV Contacts

512-9145, Model 90418-1, 26-22 AWG	EACH	488.88
512-9146, Model 90202-2, 24-20 AWG	EACH	488.88

### Mod. II Receptacle Assemblies Closed Entry, 0.100 × 0.100 Centers



Horizontal Mount — End to End Stackable

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH		
				1-49	50-99	100-499
512-6213	6-535512-2	6	0.340"	1.71	1.55	1.42
512-6215	6-535512-3	8	0.440"	2.24	2.04	1.87
512-6217	535512-1	12	0.640"	2.06	1.86	1.55
512-6221	1-535512-8	16	0.840"	3.79	3.41	2.84
512-6223	535512-2	20	1.040"	2.08	1.87	1.70

Vertical Mount

Stock No.	Mfr.'s Type	No. of Pos.	A Dim.	EACH		
				1-49	50-99	100-499
512-6227	534206-8	16	0.800"	2.08	1.89	1.73
512-6229	1-534206-0	20	1.000"	1.57	1.41	1.18
512-6231	1-534206-3	26	1.300"	2.70	2.43	2.02
512-6233	2-534206-0	40	2.000"	2.89	2.60	2.17

### Mod. IV Receptacle Assemblies Closed Entry, Low Profile, .100 × .100 Centers

