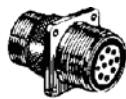


## Circular Power Connectors

**Amphenol®**

### 97 Series Rear Release Crimp Type



See Page 429 for Dimension Table.

#### Receptacles

No. of Contacts	Shell Size and Insert	97-4100A		97-4101A		97-4102A	
		EACH		EACH		EACH	
		1-9	10-49	1-9	10-49	1-9	10-49
2	12S-3P	12.25	9.40	14.54	11.28	6.67	4.86
2	12S-3S	12.25	9.40	14.54	11.28	6.67	4.86
3	14S-1P	10.82	8.31	13.15	10.10	7.68	5.50
3	14S-1S	10.82	8.31	13.15	10.10	7.68	5.50
4	14S-2P	10.63	8.17	12.96	9.96	7.42	5.31
4	14S-2S	9.73	8.11	10.61	8.84	5.83	4.77
5	14S-5P	11.19	8.61	13.38	10.39	8.02	5.73
5	14S-5S	11.19	8.61	13.38	10.39	6.10	4.99
3	14S-7P	11.40	8.75	13.59	10.54	7.68	5.50
3	14S-7S	11.40	8.75	13.59	10.54	7.68	5.50
7	16S-1P	14.16	10.98	13.70	10.64	8.46	6.03
7	16S-1S	14.16	10.98	13.70	10.64	8.46	6.03
5	16S-8P	14.44	11.20	13.99	10.86	8.24	5.88
5	16S-8S	14.44	11.20	13.99	10.86	8.24	5.88
10	18-1P	12.93	10.78	14.88	12.39	9.82	7.03
10	18-1S	14.70	11.40	16.85	13.08	8.25	6.75
4	18-4P	13.57	10.52	15.73	12.19	9.03	6.49
4	18-4S	13.57	10.52	15.73	12.19	9.03	6.49
5	18-11P	16.46	12.77	18.61	14.44	10.91	7.62
5	18-11S	16.46	12.77	14.59	12.16	9.04	7.40
6	18-12P	15.43	11.98	17.56	13.62	9.36	6.99
6	18-12S*	15.43	11.98	17.56	13.62	9.55	6.99
10	18-19P	17.61	13.66	19.77	15.33	15.36	11.20
10	18-19S	14.93	12.44	19.77	15.33	15.36	11.20
5	18-20P	16.51	12.80	18.72	14.52	10.32	7.69
5	18-20S	16.51	12.80	18.72	14.52	10.32	7.69
4	20-4P	17.73	13.76	18.99	14.72	12.12	8.94
4	20-4S	17.73	13.76	15.83	13.19	10.64	8.62
8	20-7P	16.68	12.94	14.20	11.83	8.14	6.66
8	20-7S	16.68	12.94	17.94	13.92	8.69	7.04
14	20-27P	15.80	12.93	18.61	14.44	9.69	7.75
14	20-27S	17.33	13.43	18.61	14.44	10.15	8.12
19	22-14P	15.69	13.07	19.86	15.40	12.77	9.41
19	22-14S*	18.78	14.55	19.86	15.40	9.14	7.62
7	24-2P	26.98	20.93	27.06	20.99	14.03	11.70
7	24-2S	26.98	20.93	27.06	20.99	13.09	10.39
22	28-11P	26.32	20.42	29.42	22.84	20.18	14.71
22	28-11S	26.32	20.42	24.83	20.69	17.11	14.00
26	28-12P	25.71	19.96	28.57	22.17	17.11	14.00
26	28-12S*	25.71	19.96	28.57	22.17	15.50	12.69
14	28-20P	30.20	23.44	33.30	25.83	20.54	13.88
14	28-20S	30.20	23.44	33.30	25.83	20.54	13.88
37	28-21P	25.88	20.08	28.72	22.28	15.64	12.80
37	28-21S	21.69	18.07	28.72	22.28	19.49	14.25
52	32-414P	—	—	—	—	58.48	39.54
52	32-414S	—	—	—	—	58.48	39.54
48	36-10P	—	—	—	—	23.40	19.51
48	36-10S	—	—	—	—	23.40	19.51

\*Short socket contacts.

\*Short socket contacts.

#### Contacts and Tools

Example: The 1418 portion of the Mfr.'s Type indicates that the contact will accommodate 14 to 18 gauge wire.

##### Size 12-Silver Plated Contacts

Stock No.	Mfr.'s Type	Wires Sizes AWG	PER PK./100	
			1-9	10-49
714-3100	97-38-1216P-4(920) Pin	12-16	31.53	26.68
714-3110	97-38-1216S-4(920) Socket	12-16	33.38	28.25

##### Size 16-Silver Plated Contacts

Stock No.	Mfr.'s Type	Wires Sizes AWG	PER PK./100	
			1-9	10-49
714-3113	97-45-1418P-4(920) Pin	14-18	22.25	18.83
714-3115	97-45-1418S-4(920) Socket	14-18	29.47	24.11
714-3120	97-45-1622P-4(920) Pin	16-22	27.20	22.25
714-3130	97-45-1622S-4(920) Socket	16-22	29.47	24.11
714-3140	97-45-2026P-4(920) Pin	20-26	24.11	20.40
714-3150	97-45-2026S-4(920) Socket	20-26	25.96	21.97
714-3154*	97-55-1418S-4(920) Socket	14-18	25.96	21.97
714-3155*	97-55-1622S-4(920) Socket	16-22	29.47	24.11
714-3156*	97-55-2026S-4(920) Socket	20-26	25.96	21.97

##### Size 12-Gold Plated Contacts

Stock No.	Mfr.'s Type	12-16	114.98	97.29
714-3160	97-38-1216P-5(920) Pin	12-16	126.11	106.71

#### Size 16-Gold Plated Contacts

Stock No.	Mfr.'s Type	Wires Sizes AWG	PER PK./100	
			1-9	10-49
714-3172	97-45-1418P-5(920) Pin	14-18	61.20	51.78
714-3174	97-45-1418S-5(920) Socket	14-18	66.76	56.49
714-3175	97-45-1622P-5(920) Pin	16-22	68.00	55.64
714-3180	97-45-1622S-5(920) Socket	16-22	74.80	61.20
714-3185	97-45-2026P-5(920) Pin	20-26	61.20	51.78
714-3190	97-45			