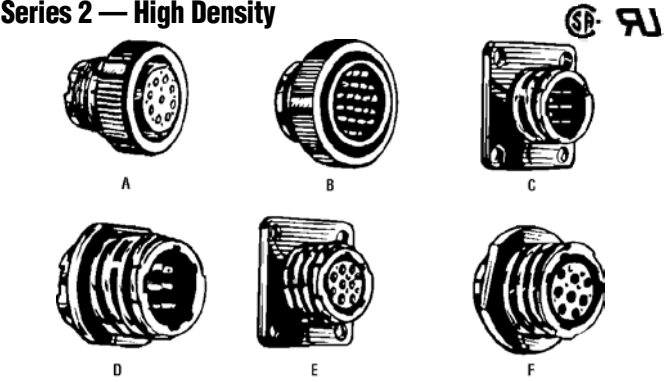


Series 2 — High Density



High density connectors for normal unsealed applications. These connectors accept Size 20DM (screw machined) and Size 20DF (precision formed) pin and socket contacts with a .040" (1.02 mm) diameter that are also used in D-Sub Connectors. Contacts can be either crimp or solder cup types and are sold separately. Cable Clamps are the same as for the same size of Series 1. **Contacts, crimp tools, and insertion/extraction tools are listed with D-Subs on page 380.**

Standard Sex Plugs (For Socket Contacts) — Fig. A

Stock No.	Mfr.'s Type	Shell Size	No. of Contacts	EACH		
				1-24	25-99	100-499
512-1101	205838-1	11	8	3.40	3.06	2.55
512-1102	206485-1	11	9	3.31	2.98	2.48
512-1103	205839-3	17	28	3.58	3.22	2.69
512-1104	205842-1	23	63	4.78	4.30	3.59

Series 3

Power density connectors for normal unsealed applications. The power contacts can carry as much as 25 amperes of current. **Contacts are sold separately.** Series 3 use size 17 and 23 cable clamps that are listed with Series 1 CPC.

Standard Sex Plugs (For Socket Contacts) — Fig. A

Stock No.	Mfr.'s Type	Shell Size	No. of Contacts	EACH		
				1-24	25-99	100-499
512-1130	206037-2	17	3	3.11	2.79	2.33
512-1131	206136-1	23	7	3.40	3.06	2.55

Reverse Sex Plugs (For Pin Contacts) — Fig. B

512-1136	206426-1	17	3	4.28	3.86	3.21
512-1137	206226-1	23	7	3.47	3.12	2.60

Standard Sex Square Flange Receptacles (For Pin Contacts) — Fig. C

512-1132	206036-2	17	3	2.40	2.16	1.80
512-1133	206137-1	23	7	3.69	3.33	2.77

Standard Sex Free Hanging Receptacles (For Pin Contacts) — Fig. D

512-1134	206207-1	17	3	2.40	2.16	1.80
512-1135	206137-2	23	7	3.79	3.41	2.84

Reverse Sex Square Flange Receptacles (For Socket Contacts) — Fig. E

512-1138	206425-1	17	3	2.40	2.16	1.80
512-1139	206227-1	23	7	2.97	2.67	2.23

Reverse Sex Free Hanging Receptacles (For Socket Contacts) — Fig. F

512-1140	206425-2	17	3	3.24	2.92	2.43
512-1141	206227-2	23	7	4.10	3.69	3.08



Extraction Tools
Type 91124-1, Economy extraction tool. **EACH 31.13**
Type 91146, 91124-1.....
Type 91019-3, Extraction tool.
Type 512-1147, 91019-3..... **EACH 141.10**

Series 4

Combination of standard and power density connectors for normal unsealed applications. Accept size 16 multimate and the power contacts. Combine the signal and coaxial capabilities of Series 1 with the power circuit capabilities of Series 3 connectors. **Contacts are sold separately.** The tools, contacts, and accessory items used in Series 1 and Series 3 are used in Series 4. No additional items are required.

Standard Sex Plugs (For Socket Contacts) — Fig. A

Stock No.	Mfr.'s Type	Shell Size	Contacts	EACH		
				1-24	25-99	100-499
512-9111	211824-1	23	5 Power, 8 Multimate	8.73	7.85	6.54
512-1151	207485-1	23	4 Power, 12 Multimate	3.33	3.00	2.50
512-1152	206612-1	23	2 Power, 20 Multimate	3.97	3.57	2.98

Standard Sex Square Flange Receptacles (For Pin Contacts) — Fig. B

512-8987	211825-1	23	5 Power, 8 Multimate	4.40	3.96	3.30
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Reverse Sex Plugs (For Pin Contacts) — Fig. B

Stock No.	Mfr.'s Type	Shell Size	No. of Contacts	EACH		
				1-24	25-99	100-499
512-1116	206434-1	11	8	3.40	3.06	2.55
512-1117	206039-1	17	28	3.51	3.16	2.64
512-1118	206437-1	23	57	5.12	4.61	3.84

Standard Sex Square Flange Receptacles (For Pin Contacts) — Fig. C

512-1106	205841-1	11	8	2.81	2.53	2.11
512-1107	206486-1	11	9	2.77	2.49	2.07
512-1108	205840-3	17	28	3.04	2.73	2.28
512-1109	205843-1	23	63	5.06	4.60	4.22

Standard Sex Free Hanging Receptacles (For Pin Contacts) — Fig. D

512-1111	205841-2	11	8	2.79	2.51	2.09
512-1112	206486-2	11	9	3.01	2.71	2.26
512-1113	206152-1	17	28	4.39	3.66	3.38
512-1114	205843-2	23	63	5.94	5.34	4.45

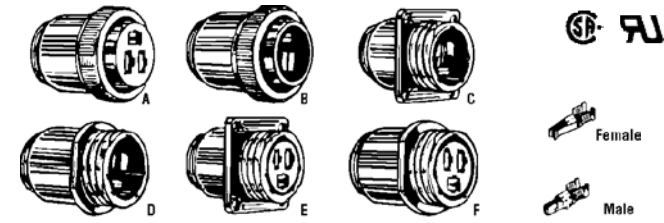
Reverse Sex Square Flange Receptacles (For Socket Contacts) — Fig. E

512-1121	206433-1	11	8	2.86	2.57	2.14
512-1122	206038-1	17	28	2.95	2.65	2.21
512-1123	206438-1	23	57	5.85	5.26	4.39

Reverse Sex Free Hanging Receptacles (For Socket Contacts) — Fig. F

512-1126	206433-2	11	8	2.86	2.57	2.14
512-1127	206038-2	17	28	4.53	4.08	3.40

Keying Plug
Type 206509-1, Keying plug for size 20DM and 20DF contacts.
512-1129, 1-99.....EACH .38 100-499.....EACH .35



Type XII Contacts for Series 3
Contact Finish: Select gold flash over .000030" nickel on the entire contact with an additional .000030" gold in the mating area.

Stock No.	Mfr.'s Type	Style	Wire Size AWG	Insulation Dia.-Range (In.)	EACH		
					1-99	100-499	500-999
512-1142	66261-2	Male	16, 14-12	0.135-0.160	1.89	1.70	1.42
512-1143	66740-6	Female	16, 14-12	0.135-0.160	2.82	2.54	2.11
512-1144	66259-2	Male	10	0.190-0.220	3.18	2.86	2.39
512-1145	66741-6	Female	10	0.190-0.220	4.24	3.81	3.18

Contact Finish: .000200" silver with lubricant added. Recommended for high current/vibration applications.

512-1258	66261-4	Male	16, 14-12	0.135-0.160	1.14	1.03	.86
512-1259	66740-2	Female	16, 14-12	0.135-0.160	1.83	1.65	1.37
512-1264	66259-4	Male	10	0.190-0.220	1.55	1.40	1.17
512-1266	66741-2	Female	10	0.190-0.220	3.18	2.89	2.65

Contact Finish: Tin-lead.

512-8979	66261-1	Male	16, 14-12	0.135-0.160	1.23	1.11	.93
512-8981	66740-8	Female	16, 14-12	0.135-0.160	2.24	2.02	1.68
512-8983	66259-1	Male	10	0.190-0.220	1.73	1.56	1.30
512-8985	66741-8	Female	10	0.190-0.220	4.01	3.61	3.01

CERTI-CRIMP™ Tools
Type 90382-2, For contacts on 16 and 14-12 AWG wire. **EACH 667.34**
Type 1148, 90382-2.....
Type 90384-1, For contacts on 10-8 AWG wire. **EACH 687.36**
Type 1148, 90384-1.....



Standard Sex Square Flange Receptacles (For Pin Contacts) — Fig. B (continued)

Stock No.	Mfr.'s Type	Shell Size	Contacts	EACH		
				1-24	25-99	100-499
512-1153	207486-1	23	4 Power, 12 Multimate	2.86	2.57	2.14
512-1154	206613-1	23	2 Power, 20 Multimate	2.73	2.48	2.27

Standard Sex Free Hanging Receptacles (For Pin Contacts) — Fig. C

512-1156	207486-2	23	4 Power, 12 Multimate	4.10	3.69	3.08
512-1157	206613-3	23	2 Power, 20 Multimate	3.81	3.43	2.86