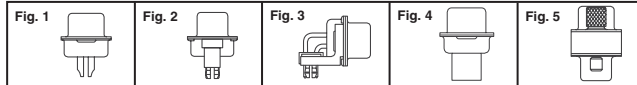




D-Sub Connectors



The dimensions of CONEC® D-subminiature connectors are according to DIN 41652 and to MIL-C-24308. The Subminiature Connectors consist of a plug and socket connector and conform to IEC standard 48 B. These connectors are used in industrial control systems, computer environment and in telecommunication equipment. Precision screw machine contacts are gold plated over nickel. The product line is UL (E202784), CSA (LR 115000-1) and VDE (40000440) approved. The trapezoidal shaped shell is used for mechanical protection, electrical shielding and polarization. The CONEC connectors consist of plug and socket connectors with two or three rows. They are compatible and interchangeable with all D-Subminiature connectors on the market. **Technical Data:** • Insulators: Polyester GF UL 94 V-0 • Contacts: Copper Alloy • Contact Finish: Hard-gold-plated over nickel • Shell: Steel tin plated • Working Voltage: 125V (D-Subminiature Standard 9, 15, 25, 37 and 50 position); 60V (D-Subminiature High Density 15, 26 and 44 position) • Current Rating: 7.5A UL (D-Subminiature Standard 9, 15, 25, 37 and 50 position); 3.0A UL (D-Subminiature High Density 15, 26 and 44 position) • Insulation Resistance: 5G Ω • Operating Temperature: -55°C - 125°C



No. of Pins	Type	Digi-Key Part No.	1	Price Each	100	CONEC Part No.
Fig. 1 — Solder Cup						
9	Male	626-1026-ND	2.98	2.02	1.59	163A11069X
9	Female	626-1031-ND	3.30	2.20	1.80	164A10019X
15	Male	626-1027-ND	3.51	2.34	1.91	163A11079X
15	Female	626-1032-ND	4.32	2.98	2.43	164A10029X
25	Male	626-1028-ND	4.23	2.92	2.38	163A11089X
25	Female	626-1033-ND	5.36	3.92	3.20	164A10039X
37	Male	626-1029-ND	5.59	4.09	3.34	163A11099X
37	Female	626-1034-ND	7.35	5.44	4.50	164A10049X
50	Male	626-1030-ND	6.35	4.70	3.89	163A11109X
50	Female	626-1035-ND	9.24	6.93	5.78	164A10059X
Fig. 1 — Solder Cup with 4-40 Insert						
9	Male	626-1046-ND	3.18	2.12	1.73	163A11269X
9	Female	626-1041-ND	3.68	2.54	2.08	164A10219X
15	Male	626-1037-ND	3.89	2.68	2.19	163A11279X
15	Female	626-1042-ND	4.62	3.22	2.64	164A10229X
25	Male	626-1038-ND	4.21	2.90	2.37	163A11289X
25	Female	626-1043-ND	5.80	4.24	3.46	164A10239X
37	Male	626-1039-ND	6.01	4.39	3.59	163A11299X
37	Female	626-1044-ND	7.73	5.57	4.64	164A10249X
50	Male	626-1040-ND	6.80	5.04	4.17	163A11309X
50	Female	626-1045-ND	9.67	7.06	6.05	164A10259X
Fig. 1 — Solder Cup High Density with 4-40 Insert						
15	Male	626-1046-ND	4.81	3.42	2.80	163A11649X
15	Female	626-1049-ND	5.93	4.34	3.54	164A11709X
26	Male	626-1047-ND	6.80	5.04	4.17	163A11659X
26	Female	626-1050-ND	8.50	6.38	5.31	164A11709X
44	Male	626-1048-ND	9.50	7.13	5.94	163A11669X
44	Female	626-1051-ND	11.84	9.10	7.63	164A11709X
Fig. 2 — PC Mount Vertical with 4-40 Spacer Clip						
9	Female	626-1052-ND	4.87	3.40	2.79	164A16569X
15	Female	626-1053-ND	5.38	3.94	3.21	164A16579X
25	Female	626-1054-ND	6.28	4.65	3.85	164A16589X
Fig. 3 — PC Mount Right Angle with 4-40 Insert						
9	Male	626-1055-ND	6.65	4.93	4.07	163A17529X
9	Female	626-1058-ND	6.95	5.15	4.26	164A17939X
15	Male	626-1056-ND	8.06	6.05	5.04	163A17539X
15	Female	626-1059-ND	8.54	6.41	5.34	164A17949X
25	Male	626-1057-ND	10.10	7.69	6.59	163A17549X
25	Female	626-1060-ND	10.76	8.19	7.02	164A17959X
Fig. 3 — High Density PC Mount Right Angle with 4-40 Insert						
15	Male	626-1061-ND	11.20	8.53	7.31	163A17769X
15	Female	626-1062-ND	12.83	9.87	8.27	164A18179X
Fig. 4 — Crimp Shell						
9	Male	626-1063-ND	1.62	1.04	.79	163X10019X
9	Female	626-1068-ND	1.86	1.20	.92	164X11769X
15	Male	626-1064-ND	1.89	1.22	.94	163X10029X
15	Female	626-1069-ND	1.97	1.31	1.01	164X11779X
25	Male	626-1065-ND	1.66	1.06	.81	163X10039X
25	Female	626-1070-ND	2.11	1.37	1.08	164X11789X
37	Male	626-1066-ND	2.54	1.72	1.33	163X10049X
37	Female	626-1071-ND	2.69	1.77	1.43	164X11799X
50	Male	626-1067-ND	3.30	2.20	1.80	163X10059X
50	Female	626-1072-ND	3.30	2.20	1.80	164X11809X

No. of Pins	Type	Digi-Key Part No.	1	Price Each	10	100	CONEC Part No.
Fig. 4 — High Density Crimp Shell							
15	Male	626-1077-ND	3.21	2.14	1.75		163X10169X
15	Female	626-1080-ND	3.92	2.70	2.21		164X11949X
26	Male	626-1078-ND	3.92	2.70	2.21		163X10179X
26	Female	626-1081-ND	4.26	2.97	2.44		164X11959X
44	Male	626-1079-ND	2.73	1.85	1.50		163X10189X
44	Female	626-1082-ND	3.71	2.56	2.09		164X11969X
AWG	Type	Digi-Key Part No.	1	Price Each	10	100	CONEC Part No.
Standard Density Crimp Contacts							
20 - 24	Male	626-1073-ND	.49	.28	.19		161A18299X
	Female	626-1075-ND	1.00	.65	.47		162A18709X
24 - 28	Male	626-1074-ND	.56	.33	.22		161A18309X
	Female	626-1076-ND	1.12	.70	.52		162A18719X
High Density Crimp Contacts							
22	Male	626-1083-ND	.36	.20	.14		161A18009X
	Female	626-1084-ND	.46	.28	.19		162A18419X

Tools

Description	Digi-Key Part No.	Price Each	CONEC Part No.
Hand Crimp Tool	626-1283-ND	501.47	360X10329X
Insert/Positioner, Standard Density	626-1285-ND	91.26	360X20069X
Insert/Positioner, High Density	626-1284-ND	104.92	360X10629X
Extraction Tool for Std. Density Crimp Contacts	626-1282-ND	14.81	360X12009X
Extraction Tool for High Density Crimp Contacts	626-1286-ND	137.79	360X10339X

Filtered D-Sub Connectors

CONEC® Filter Connectors are the ideal solution to reduce or eliminate electro magnetic interference (EMI/RFI). The complete series are UL (E 202784 CSA (LR 115000-1) and VDE (40000441) approved. **Technical Data:** • Insulators: Polyester GF UL 94 V-0 • Contacts: Copper Alloy • Contact Finish: Gold over nickel, solder area tin plated • Shell: Steel tin plated • Insulation Resistance: ≥1GΩ @ 100 VDC • Current Rating: 5.0A (20°C), Standard D-Sub 9, 15 and 25 positions; 3.0A (20°C), High Density D-Sub 15 positions • Temperature Range Working: -25°C - 105°C, Standard D-Sub 9, 15 and 25 positions; -25°C - 85°C, High Density D-Sub 15 positions

No. of Pins	Type	Digi-Key Part No.	1	Price Each	10	100	CONEC Part No.
Fig. 1 — Solder Cup							
9	Male	626-1004-ND	9.22	6.92	5.76		241A26960X
9	Female	626-1007-ND	9.50	7.13	5.94		242A26860X
15	Male	626-1005-ND	11.70	9.00	7.54		241A26970X
15	Female	626-1008-ND	12.40	9.54	7.99		242A26870X
25	Male	626-1006-ND	14.85	11.68	9.79		241A26980X
25	Female	626-1009-ND	15.86	12.26	10.46		242A26880X
Fig. 1 — Solder Cup with 4-40 Insert							
9	Male	626-1010-ND	11.11	8.46	7.25		241A27120X
9	Female	626-1013-ND	11.36	8.65	7.41		242A27020X
15	Male	626-1011-ND	13.77	10.83	9.08		241A27130X
15	Female	626-1014-ND	14.43	11.35	9.52		242A27030X
25	Male	626-1012-ND	17.47	13.50	11.32		241A27140X
25	Female	626-1015-ND	17.56	14.22	11.92		242A27040X
Fig. 2 — PCB Mount Vertical with 4-40 Spacer Clip							
9	Female	626-1016-ND	11.63	8.95	7.50		242A15030X
15	Female	626-1017-ND	14.21	11.18	9.37		242A15040X
25	Female	626-1018-ND	21.72	17.71	15.21		242A15050X
Fig. 3 — PCB Mount Right Angle with 4-40 Insert							
9	Male	626-1020-ND	12.08	9.29	7.79		241A16060X
9	Female	626-1023-ND	13.86	10.90	9.14		242A17660X
15	Male	626-1021-ND	14.43	11.35	9.52		241A16070X
15	Female	626-1024-ND	16.10	12.45	10.62		242A17670X
25	Male	626-1022-ND	17.93	14.52	12.17		241A16080X
25	Female	626-1025-ND	20.52	16.13	13.93		242A17680X
Fig. 5 — D-Sub C-Filter Adapter							
9	—	626-1000-ND	12.40	9.54	7.99		243A10050X
15	—	626-1001-ND	14.30	11.25	9.43		243A10060X
25	—	626-1002-ND	17.47	14.15	11.86		243A10070X

Hardware

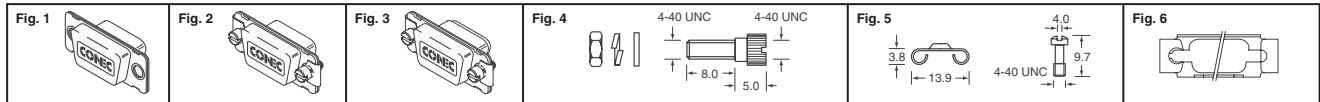


Fig.	Description	Digi-Key Part No.	1	Price Each	100	CONEC Part No.
D-Sub Covers						
1	Male, 9-Pos.	626-1241-ND	1.46	.94	.71	165X13129X
	Female, 9-Pos.	626-1238-ND	1.52	.99	.72	165X12969X
	Male, 15-Pos.	626-1242-ND	1.48	.96	.70	165X13139X
	Female, 15-Pos.	626-1239-ND	1.52	.99	.72	165X12979X
	Male, 25-Pos.	626-1243-ND	1.69	1.09	.83	165X13149X
	Female, 25-Pos.	626-1240-ND	1.48	.96	.70	165X12989X
2	Male with Flange, 9-Pos.	626-1247-ND	2.15	1.43	1.13	165X16769X
	Female with Flange, 9-Pos.	626-1244-ND	2.21	1.48	1.16	165X16719X
	Male with Flange, 15-Pos.	626-1248-ND	2.37	1.61	1.25	165X16779X
	Female with Flange, 15-Pos.	626-1245-ND	2.44	1.65	1.28	165X16729X
	Male with Flange, 25-Pos.	626-1249-ND	2.37	1.61	1.25	165X16789X
	Female with Flange, 25-Pos.	626-1246-ND	2.18	1.46	1.15	165X16739X
Hood - Water Resistant, Shielded for EMI/RFI						
3	Male with Flange, 9-Pos.	626-1253-ND	5.85	4.28	3.49	165X14769X
	Female with Flange, 9-Pos.	626-1250-ND	6.33	4.69	3.88	165X14719X
	Male with Flange, 15-Pos.	626-1254-ND	5.67	4.15	3.38	165X14779X
	Female with Flange, 15-Pos.	626-1251-ND	6.40	4.68	3.82	165X14729X

Fig.	Description	Digi-Key Part No.	1	Price Each	10	100	CONEC Part No.
3	Male with Flange, 25-Pos.	626-1255-ND	5.77	4.22	3.45		165X14789X
	Female with Flange, 25-Pos.	626-1252-ND	6.21	4.55	3.71		165X14739X
Screw Locking (2 Screws, 2 Washers, 2 Spring Rings, and 2 Nuts)							
4	Screw Locking 4-40 UNC/13mm	626-1256-ND	.84	.55	.40		160X10359X
	Screw Locking Bolt Set Packed	626-1257-ND	2.38	1.59	1.25		160X10329X
D-Sub Clamp (2 Clamps, 2 Screws)							
5	Steel Nickel Plated	626-1258-ND	1.12	.73	.54		160X10259X
Slide Lock Kits							
9	9-Pos. (1 Frame, 2 Self-tapping Screws)	626-1259-ND	1.97	1.28	1.01		160X10159X
	15-Pos. (1 Frame, 2 Self-tapping Screws)	626-1260-ND	2.28	1.54	1.19		160X10169X
6	9-Pos. (1 Frame, 2 Screws UNC 4-40, 2 Washers, 2 Nuts UNC 4-40)	626-1262-ND	2.11	1.41	1.11		160X10689X
	15-Pos. (1 Frame, 2 Screws UNC 4-40, 2 Washers, 2 Nuts UNC 4-40)	626-1263-ND	2.11	1.41	1.11		160X10699X
—	25-Pos. (1 Frame, 2 Screws UNC 4-40, 2 Washers, 2 Nuts UNC 4-40)	626-1264-ND	2.21	1.48	1.16		160X10709X