

**D-Sub Hardware**

**A**

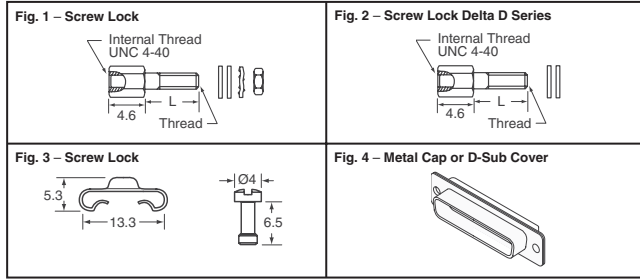


Fig.	Type	No. of Contacts	Dim. L (mm)	Thread	Digi-Key Part No.	Price Each	1	25	100	FCI Part No.
1	Female	—	8.30	M3	609-1422-ND	.65	.33	.28		863001TLF
	Female	—	8.30	M3	609-1446-ND	.65	.33	.28		86552153TLF
	Female	—	6.30	M3	609-1417-ND	.60	.30	.26		863001017TLF
	Female	—	13.0	M3	609-1421-ND	.60	.30	.26		863001061TLF
	Female	—	8.30	UNC 4.40	609-1420-ND	.68	.34	.29		863001060TLF
	Female	—	8.30	M3	609-1443-NDΔ	.38	.19	.15		86551007TLF
2	Female	—	8.30	UNC 4.40	609-1444-NDΔ	.38	.19	.15		86551009TLF
	Female	—	4.50	M3	609-1445-NDΔ	.51	.25	.21		86551167TLF
	Female	—	4.5	M3	609-1418-ND	.49	.24	.20		863001018TLF
3	Female	—	4.5	UNC 4.40	609-1419-ND	.49	.24	.20		863001019TLF
	Male	—	—	UNC 4.40	609-1423-ND	.84	.47	.40		863005ATLF
4	Male	9	—	—	609-1447-ND	1.60	.95	.84		86553113TLF
	Female	9	—	—	609-1450-ND	1.62	.96	.85		86553148TLF
	Male	15	—	—	609-1448-ND	1.66	.99	.88		86553114TLF
	Female	15	—	—	609-1451-ND	1.66	1.00	.87		86553149TLF
	Male	25	—	—	609-1449-ND	2.08	1.28	1.11		86553115TLF
	Female	25	—	—	609-1452-ND	2.15	1.32	1.15		86553150TLF

Δ Hardware not included

**D-Sub Backshells**

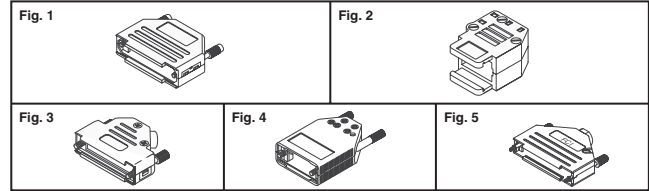


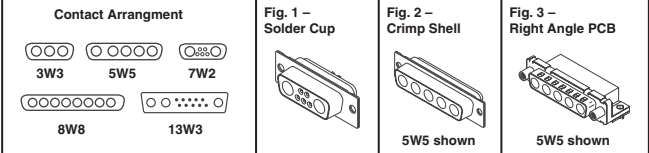
Fig.	No. of Pins	Type	Digi-Key Part No.	Price Each	1	25	100	FCI Part No.
1	9	Black Plastic Hood	609-1424-ND	1.37	.81	.70		86303637BLF
	15		609-1425-ND	1.44	.85	.74	86303638BLF	
	25		609-1426-ND	1.50	.86	.77	86303639BLF	
	37		609-1427-ND	1.74	1.04	.91	86303640BLF	
	50		609-1428-ND	3.03	1.86	1.62	86303641BLF	
2	9	Black Plastic Hood	609-1429-ND†	1.89	1.12	1.01		863093C09ALF
	15		609-1431-ND†	1.91	1.14	1.02		863093C15ALF
	25		609-1433-ND†	1.57	.93	.83		863093C25ALF
	37		609-1435-ND†	2.01	1.24	1.11		863093C37ALF
	50		609-1436-ND†	2.37	1.47	1.29		863093C50ALF
3	9	Plastic Metalized Hood	609-1430-ND†	3.03	1.89	1.71		863093C09MLF
	15		609-1432-ND†	3.09	1.99	1.77		863093C15MLF
	25		609-1434-ND†	3.72	2.30	2.03		863093C25MLF
4	9	Black Plastic Hood	609-1462-ND†	2.11	1.30	1.16		8655PHRA0901LF
	15		609-1463-ND†	2.21	1.36	1.20		8655PHRA1501LF
	25		609-1464-ND†	2.48	1.53	1.35		8655PHRA2501LF
	37		609-1458-ND†	3.56	2.23	2.04		8655MHRA0901LF
	50		609-1459-ND†	3.79	2.53	2.26		8655MHRA1501LF
5	9	Shielded Metal Hood	609-1460-ND†	3.94	2.63	2.35		8655MHRA2501LF
	15		609-1461-ND†	4.66	3.10	2.78		8655MHRA3701LF
	25		609-1453-ND†	4.72	3.27	2.89		8655MH011LF
6	9	Shielded Metal Hood	609-1454-ND†	5.21	3.55	3.19		8655MH1511LF
	15		609-1455-ND†	5.76	3.92	3.46		8655MH2511LF
	25		609-1456-ND†	6.07	4.30	3.80		8655MH3711LF
	37		609-1457-ND†	9.98	7.27	6.58		8655MH5011LF
	50		609-3129-ND†	2.50	1.55	1.37		8655MH0901BLF
7	15	Shielded Metal Hood	609-3130-ND†	2.58	1.61	1.45		8655MH1501BLF
	25		609-3131-ND†	3.11	1.93	1.75		8655MH2501BLF
	37		609-3132-ND†	3.35	2.10	1.92		8655MH3701BLF

† Two Part Hoods

**Combo D-Sub Connectors** *Power contacts sold separately.*

Fig.	Contact Arrangement	Type	Digi-Key Part No.	Price Each	1	25	100	FCI Part No.
<b>Solder Cup</b>								
1	7W2	Female	609-1516-ND	3.40	2.13	1.95		DA7W2PA00LF
	7W2		609-1517-ND	3.81	2.43	2.22		DA7W2SA00LF
<b>Crimp Shell</b>								
2	3W3	Male	609-1514-ND	1.37	.79	.68		DA3W3PA00LF
	3W3	Female	609-1515-ND	1.31	.73	.64		DA3W3SA00LF
	5W5	Male	609-1520-ND	1.70	1.03	.90		DB5W5PA00LF
	5W5	Female	609-1521-ND	1.70	1.03	.90		DB5W5SA00LF
	8W8	Male	609-1522-ND	1.88	1.13	.99		DC8W8PA00LF
	8W8	Female	609-1523-ND	1.88	1.13	.99		DC8W8SA00LF
<b>Right Angle PCB</b>								
3	3W3	Male	609-2824-NDΔ	2.59	1.77	1.56		D3W3P36A6GL08LF
	3W3	Male	609-2825-ND†	5.60	3.81	3.37		D3W3P36A6GV08LF
	3W3	Male	609-2826-ND†	5.71	3.88	3.43		D3W3P36A6GX08LF
	5W5	Male	609-2834-ND†	9.51	6.89	6.13		D5W5P36A6GV08LF
	5W5	Male	609-2829-ND†	5.83	4.14	3.65		D5W5P36A6GX08LF
	13W3	Female	609-2819-ND†	5.41	3.75	3.32		D13W3S17B5GX3CLF

Δ M3 Insert † 4-40 Insert † 4-40 Female Screwlock



**Power Contacts – Solder Bucket**

Wire Size	Type	Amps	Digi-Key Part No.	Price Each	1	25	100	FCI Part No.
8	Male	40	609-1439-ND	2.29	1.42	1.25		8638PPS4005LF
	Female		609-1442-ND	2.68	1.67	1.51		8638PSS4005LF
12	Male	20	609-1438-ND	1.75	1.06	.92		8638PPS2005LF
	Female		609-1441-ND	2.72	1.70	1.54		8638PSS2005LF
16	Male	10	609-1437-ND	2.66	1.64	1.45		8638PPS1005LF
	Female		609-1440-ND	3.13	1.95	1.76		8638PSS1005LF

**D-Sub MicroTCA™ High Power IO**

The D-subminiature connector options enable 48V / 24A DC input connections to power modules used in MicroTCA™ shelves. The shielded connectors are designed to fit the power module faceplate on the front side of a power module made in accordance with the MicroTCA specification.

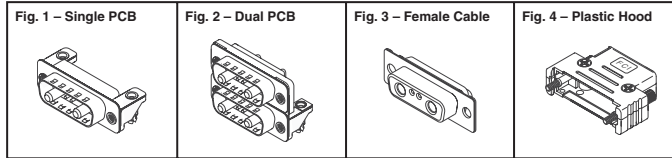


Fig.	Digi-Key Part No.	Price Each	1	25	100	FCI Part No.
1	609-3151-ND	12.43	9.18	8.44		10070158-00319XLF
	609-3152-ND	13.60	10.04	9.23		10070158-00419XLF
2	609-3153-ND	22.54	16.64	15.30		10070158-00119XLF
	609-3154-ND	24.12	17.81	16.37		10070158-00219XLF
3	609-3155-ND	6.98	4.74	4.37		10070165-00119ALF
	609-3156-ND	2.16	1.33	1.16		10070163-01LF

**EDAC™ D-Sub Right Angle Ultra Slim VGA Connector**

**Materials and Finish:** • Steel, Nickel plated • Insulator, Nylon 6T, Color Pantone Blue #2935U • Contacts: Phosphor Bronze, Gold plated on contact area Tin on tails over Nickel • Board locks, Brass Tin plated • Rivets, Brass Nickel plated

**Specifications:** • Current Rating: 1 Amp maximum • Insulation Resistance: 1,000 MΩ minimum 500VDC • DWD: 500VAC RMS for 1 minute • Contact Resistance: 30 mΩ maximum • Temperature Rating: -40°C - 230°C

Contacts	Type	Digi-Key Part No.	Price Each	1	10	100	EDAC Part No.
15	Female	151-1117-ND	1.33	1.18	.95		634-015-274-990

