



D-Sub Adapters Connector Saver

Connector Size	Dimensions – Inch		
	A	B	C
9	1.215	0.492	0.236
15	1.546	0.492	0.236
25	2.091	0.492	0.236
37	2.755	0.492	0.236
High Density			
15	1.215	0.492	0.236
26	1.546	0.492	0.236
44	2.091	0.492	0.236
62	2.755	0.492	0.236

No. of Pins	D-Sub	Digi-Key Part No.	1	10	100
9	Male	GCLP09M09F-ND	2.76	1.91	1.56
15	Female	GCLP15M15F-ND	3.07	2.12	1.73
25	Male	GCLP25M25F-ND	3.40	2.37	1.94
37	Female	GCLP37M37F-ND	4.68	3.43	2.80
High Density					
15	Male	GCHDLP15M15F-ND	3.93	2.87	2.35
15	Male	GCHDLP15M15F-ND†	4.00	2.93	2.39
26	Female	GCHDLP26M26F-ND	8.84	6.80	5.70
44	Female	GCHDLP44M44F-ND	9.74	7.49	6.28
62	Female	GCHDLP62M62F-ND	13.25	10.73	9.00

† Position number 9 contact loaded

Gender Changer

Connector Size	Dimensions – Inch		
	A	B	C
9	1.215	0.492	0.236
15	1.546	0.492	0.236
25	2.091	0.492	0.236
37	2.755	0.492	0.236
High Density			
15	1.215	0.492	0.236
26	1.546	0.492	0.236
44	2.091	0.492	0.236
62	2.755	0.492	0.236

No. of Pins	D-Sub	Digi-Key Part No.	1	10	100
9	Female to Female	GCLP09F09F-ND	2.67	1.85	1.51
15	Female to Female	GCLP15F15F-ND	3.07	2.14	1.76
25	Female to Female	GCLP25F25F-ND	3.50	2.44	2.00
37	Female to Female	GCLP37F37F-ND	4.57	3.39	2.80
9	Male to Male	GCLP09M09M-ND	2.55	1.76	1.44
15	Male to Male	GCLP15M15M-ND	2.99	2.07	1.69
25	Male to Male	GCLP25M25M-ND	3.27	2.28	1.88
37	Male to Male	GCLP37M37M-ND	4.57	3.34	2.73
High Density					
15	Female to Female	GCHDLP15F15F-ND	4.00	2.93	2.39
15	Female to Female	GCHDLP15F15F-ND†	4.00	2.93	2.39
26	Female to Female	GCHDLP26F26F-ND	8.90	6.85	5.74
44	Female to Female	GCHDLP44F44F-ND	9.68	7.62	6.38
62	Female to Female	GCHDLP62F62F-ND	13.39	10.84	9.09
15	Male to Male	GCHDLP15M15M-ND	3.80	2.78	2.27
15	Male to Male	GCHDLP15M15M-ND†	3.93	2.87	2.35
26	Male to Male	GCHDLP26M26M-ND	8.73	6.71	5.63
44	Male to Male	GCHDLP44M44M-ND	9.55	7.35	6.16
62	Male to Male	GCHDLP62M62M-ND	13.72	10.61	8.89

† Position number 9 contact loaded

RJ45 Adaptor

• 9, 15, and 25 position D-Subs/ both male and female versions • Supplied with contacts pre-crimped onto conductors - No crimp tool required • Snap together design allows low cost assembly • 4 - 40 thumbscrews supplied pre-installed in backshell

Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.299	0.984	1.949	0.632	0.787
15	1.631	1.311	1.543	0.632	0.894
25	2.161	1.874	1.545	0.632	1.339

No. of Pins	D-Sub	Type	Digi-Key Part No.	1	10	100
9	Male	Black	RJADK09P7080811-ND	3.07	2.14	1.76
9	Female	Black	RJADK09S7080811-ND	3.07	2.14	1.76
15	Male	Black	RJADK15P7080811-ND	3.07	2.14	1.76
15	Female	Black	RJADK15S7080811-ND	3.07	2.14	1.76
25	Male	Black	RJADK25P7080811-ND	3.07	2.14	1.76
25	Female	Black	RJADK25S7080811-ND	3.07	2.14	1.76
9	Male	Plastic	RJADK09P7080821-ND	3.80	2.78	2.27
9	Female	Plastic	RJADK09S7080821-ND	3.80	2.78	2.27
15	Male	Plastic	RJADK15P7080821-ND	3.80	2.78	2.27
15	Female	Plastic	RJADK15S7080821-ND	3.80	2.78	2.27
25	Male	Plastic	RJADK25P7080821-ND	3.80	2.78	2.27
25	Female	Plastic	RJADK25S7080821-ND	3.80	2.78	2.27
9	Male	Gray	RJADK09P7080831-ND	3.07	2.14	1.76
9	Female	Gray	RJADK09S7080831-ND	3.07	2.14	1.76

No. of Pins	D-Sub	Type	Digi-Key Part No.	1	10	100
15	Male	Plastic	RJADK15P7080831-ND	3.07	2.14	1.76
15	Female	Gray	RJADK15S7080831-ND	3.07	2.14	1.76
25	Male	Plastic	RJADK25P7080831-ND	3.07	2.14	1.76
25	Female	Gray	RJADK25S7080831-ND	3.07	2.14	1.76

Backshells

952 Series – Straight/Top Entry

- 4 - 40 thumbscrews supplied with backshell
- More robust design for those areas that need it
- 360° shielding with mechanical strain relief
- 2 piece metalized plastic compression insert supplied

Connector Size	Dimensions – Inch			
	A	B	C	D
9	1.626	0.606	0.984	1.268
15	1.705	0.606	1.312	1.598
25	1.949	0.606	1.852	2.146
37	2.138	0.606	2.500	2.783

No. of Pins	Type	Digi-Key Part No.	1	10	100	NorComp Part No.
9	Die Cast	952-09SCE-ND	6.35	4.76	3.97	952-009-030R121
15	Nickel	952-15SCE-ND	5.36	3.97	3.28	952-015-030R121
25		952-25SCE-ND	5.43	4.02	3.33	952-025-030R121
37		952-37SCE-ND	7.56	5.76	4.94	952-037-030R121

956 Series – Straight/Top Entry

- Snap together design allows low cost assembly
- 4 - 40 mating screw supplied with backshell
- Quick assembly strain relief allows positive retention

Connector Size	Dimensions – Inch			
	A	B	C	D
9	1.618	0.622	0.984	1.201
15	1.634	0.610	1.311	1.579
25	1.732	0.670	1.874	2.110

No. of Pins	Type	Digi-Key Part No.	1	10	100	NorComp Part No.
9	Gray Plastic	956-09SPGE-ND	.71	.44	.32	956-009-010R031
15		956-15SPGE-ND	.71	.44	.32	956-015-010R031
25		956-25SPGE-ND	.73	.46	.34	956-025-010R031
9	Black Plastic	956-09SPBE-ND	.71	.44	.32	956-009-010R011
15		956-15SPBE-ND	.71	.44	.32	956-015-010R011
25		956-25SPBE-ND	.73	.46	.34	956-025-010R011
9	Metal Plastic	956-09SMPE-ND	1.07	.70	.51	956-009-020R121
15		956-15SMPE-ND	1.13	.71	.54	956-015-020R121
25		956-25SMPE-ND	1.23	.79	.60	956-025-020R121

970 Series – Straight/Top Entry

- Die Cast: Lightweight zinc. Plating: Nickel over copper or black die cast
- Metalized Plastic: High temperature plastic UL 94V-0. Plating: Nickel over copper
- Plastic: High temperature plastic UL 94V-2
- Plastic-RoHS Compliant: High temperature plastic UL 94V-0, black
- Hardware: Steel with nickel or black chromate

Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.228	0.984	1.571	.610	.465
15	1.555	1.312	1.634	.610	.465
25	2.102	1.852	1.913	.610	.465
37	2.744	2.500	2.110	.610	.465

No. of Pins	Type	Digi-Key Part No.	1	10	100	NorComp Part No.
37	Black Die Cast	970-37BC-ND	8.15	7.03	4.78	970-037-040-011

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Die Cast	970-09NE-ND	3.81	2.79	2.28	970-009-030R121
15	Nickel	970-15NE-ND	4.55	3.33	2.72	970-015-030R121
25		970-25NE-ND	4.55	3.33	2.72	970-025-030R121
37		970-37NE-ND	6.45	4.84	4.03	970-037-030R121
9	Metalized Plastic	970-09MPE-ND	3.78	2.68	2.20	970-009-020R121
15		970-15MPE-ND	3.86	2.79	2.29	970-015-020R121
25		970-25MPE-ND	3.87	2.83	2.31	970-025-020R121
37		970-37MPE-ND	4.28	3.14	2.56	970-037-020R121
9	Black Plastic	970-09BPE-ND	2.07	1.41	1.11	970-009-010R011
15		970-15BPE-ND	2.07	1.41	1.11	970-015-010R011
25		970-25BPE-ND	2.16	1.47	1.15	970-025-010R011
37		970-37BPE-ND	2.18	1.46	1.19	970-037-010R011
9	Die Cast	970-09BCA-ND	3.81	2.79	2.28	970-009-040R011
15		970-15BCA-ND	4.55	3.33	2.72	970-015-040R011
25		970-25BCA-ND	4.55	3.33	2.72	970-025-040R011
37		970-37BCA-ND	6.45	4.84	4.03	970-037-040R011

972 Series – Slim-Line Clam Shell Style

- High temperature ABS plastic UL94V-2

Conn. Size	Dimensions – Inch				
	A	B	C	D	E
9	1.240	0.984	1.339	.591	.453
15	1.575	1.312	1.339	.591	.453
25	2.106	1.852	1.575	.591	.453
37	2.795	2.500	1.575	.591	.453

No. of Pins	Type	Digi-Key Part No.	1	10	100	NorComp Part No.
9	Gray Plastic	972-09SGE-ND	2.24	1.50	1.22	972-009-01SR031
15		972-15SGE-ND	2.35	1.57	1.28	972-015-01SR031
25		972-25SGE-ND	2.46	1.65	1.34	972-025-01SR031
37		972-37SGE-ND	2.59	1.73	1.41	972-037-01SR031
9	Black Plastic	972-09SBE-ND	2.24	1.50	1.22	972-009-01SR011
15		972-15SBE-ND	2.35	1.57	1.28	972-015-01SR011
25		972-25SBE-ND	2.46	1.65	1.34	972-025-01SR011
37		972-37SBE-ND	2.59	1.73	1.41	972-037-01SR011
9	Red Plastic	972-09SR-ND	2.16	1.47	1.15	972-009-01SR061
15		972-15SR-ND	2.20	1.47	1.20	972-015-01SR061
25		972-25SR-ND	2.31	1.54	1.26	972-025-01SR061
9	Yellow Plastic	972-09SY-ND	2.16	1.47	1.15	972-009-01SR081
15		972-15SY-ND	2.20	1.47	1.20	972-015-01SR081
25		972-25SY-ND	2.31	1.54	1.26	972-025-01SR081

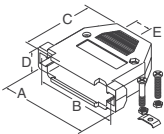
973 Series – Straight/Top Entry

- Metalized Plastic: High temperature plastic UL 94V-0. Plating: Nickel over copper
- Plastic: High temperature plastic UL 94V-2
- Plastic-RoHS Compliant: High temperature plastic UL 94V-0, black
- Hardware: Steel, nickel plated

Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.240	0.984	1.22		

978 Series – Plastic or Metalized

- Available in both plain plastic and metalized for EMI/RFI suppression • Over 60 dB shielding • EMI/RFI Plating – Electroplated with nickel over copper
- Materials: • Shell: Thermoplastic polyester, UL rated 94V-0
- Screw locks: Brass • RoHS Compliant
- Materials: • Metalized Plastic: High Temperature, UL 94H-B Plating: Chrome (gray) • Steel, nickel plated

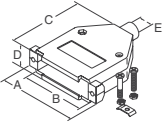


Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.220	.984	1.693	.655	.276
15	1.535	1.312	1.693	.655	.315
25	2.118	1.852	1.929	.655	.374
37	2.756	2.500	1.929	.655	.433
50	2.650	2.406	1.909	.655	.551

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Gray Plastic	909CE-ND	1.28	.82	.63	978-009-010R031
15		915CE-ND	1.32	.85	.66	978-015-010R031
25		925CE-ND	1.37	.89	.68	978-025-010R031
37		937CE-ND	1.82	1.23	.96	978-037-010R031
50		950CE-ND	1.84	1.25	.97	978-050-010R031
9	Metalized Plastic	909CAE-ND	1.48	.96	.78	978-009-020R121
15		915CAE-ND	1.66	1.11	.87	978-015-020R121
25		925CAE-ND	1.72	1.17	.91	978-025-020R121

979 Series – Plastic or Metalized Backshell

- ABS high temperature plastic UL94H-B
- Chrome plating

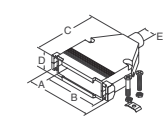


Conn. Size	Dimensions – Inch				
	A	B	C	D	E
9	1.232	.984	1.913	.656	.354
15	1.555	1.312	1.895	.669	.374
25	2.100	1.852	1.900	.655	.397
37	2.748	2.500	1.900	.655	.512
50	2.697	2.406	1.900	.770	.512

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Gray Plastic	979-09PGE-ND	1.30	.84	.65	979-009-010R031
15		979-15PGE-ND	1.26	.81	.61	979-015-010R031
25		979-25PGE-ND	1.32	.85	.66	979-025-010R031
37		979-37PGE-ND	2.14	1.45	1.14	979-037-010R031
50		979-50PGE-ND	2.22	1.49	1.21	979-050-010R031
9	Metalized Plastic	979-09MPE-ND	1.58	1.03	.81	979-009-020R121
15		979-15MPE-ND	1.66	1.11	.87	979-015-020R121
25		979-25MPE-ND	1.82	1.23	.96	979-025-020R121
37		979-37MPE-ND	2.76	1.91	1.56	979-037-020R121
50		979-50MPE-ND	2.99	2.07	1.69	979-050-020R121

979 Series – Die-Cast Zinc

- Rubber grommet/ strain relief for complete EMI/RFI shielding (over 70db)
- Solid die-cast ZINC construction
- Supplied complete with rubber grommet kit and male screw locks.

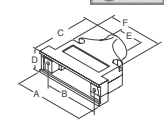


Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.22	.79	.63	1.9	.42
15	1.55	1.11	.63	1.9	.42
25	2.10	1.64	.63	1.9	.42
37	2.73	2.27	.63	1.9	.43
50	2.64	2.18	.77	1.9	.73

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Die Cast Zinc	909ZE-ND	2.11	1.44	1.13	979-009-030R121
15		915ZE-ND	2.33	1.56	1.27	979-015-030R121
25		925ZE-ND	2.80	1.94	1.58	979-025-030R121
37		937ZE-ND	3.86	2.79	2.29	979-037-030R121
50		950ZE-ND	5.08	3.77	3.12	979-050-030R121

994 Series – Die Cast, Ethernet

Material: Die cast zinc alloy, nickel plated. Included are housing screw and housing nuts.

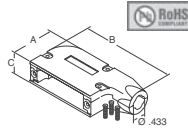


Conn. Size	Dimensions – Inch					
	A	B	C	D	E	F
9	1.244	.984	1.82	1.14	1.33	.790
15	1.575	1.312	1.82	1.14	1.33	1.135
25	2.106	1.852	1.82	1.14	1.33	1.640

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Straight	994-09DCE-ND	4.15	3.04	2.48	994-009-030R121
15		994-15DCE-ND	4.32	3.16	2.58	994-015-030R121
25		994-25DCE-ND	4.67	3.46	2.86	994-025-030R121

981 Series – Ethernet

- Materials: Zinc alloy ingot Plating: Nickel over copper
- Hardware: Steel, nickel plated



Connector Size	Dimensions – Inch					
	030			130		
	A	B	C	A	B	C
9	.984	1.240	1.850	1.265	1.850	0.628
15	1.312	1.555	2.323	1.580	2.314	0.639
25	1.852	2.106	2.835	2.143	2.870	0.633

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Die Cast	909ERE-ND	3.89	2.85	2.32	981-009-030R121
15		915ERE-ND	4.12	3.01	2.46	981-015-030R121
25		925ERE-ND	4.56	3.38	2.79	981-025-030R121
9	Rt. Angle	981-09RC-ND†	3.51	2.50	2.05	981-009-130R121
15		981-15RC-ND†	3.64	2.58	2.12	981-015-130R121
25		981-25RC-ND†	4.00	2.93	2.39	981-025-130R121

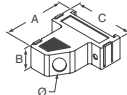
† With Thumbscrews

950 Series – 60° Entry

- FEATURES: • 4 – 40 mating screws supplied with backshell • Snap together design reduces assembly cost • Mechanical strain relief provides secure cable retention • Hood is the same thickness as connector • 60° exit promotes stacking and is suitable in extremely narrow spaces



Conn. Size	Dimensions – Inch				
	A	B	C	ø - Plastic	ø - Metal
9	1.457	0.496	1.409	0.315	0.354
15	1.496	0.496	1.736	0.315	0.354
25	1.614	0.496	2.280	0.354	0.354
37	1.614	0.496	2.925	0.354	0.354



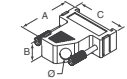
No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Plastic	950-09P60E-ND	4.68	3.47	2.87	950-009-010R011
15		950-15P60E-ND	5.01	3.71	3.07	950-015-010R011
25		950-25P60E-ND	5.19	3.85	3.18	950-025-010R011
37		950-37P60E-ND	5.66	4.08	3.40	950-037-010R011
9		950-09MP60E-ND	8.56	6.59	5.52	950-009-020R121
15	Metal	950-15MP60E-ND	9.18	7.06	5.92	950-015-020R121
25		950-25MP60E-ND	9.49	7.30	6.12	950-025-020R121
37		950-37MP60E-ND	10.46	8.23	6.90	950-037-020R121

951 Series – 60° Entry

- 4 – 40 thumbscrews supplied with backshell
- Snap together design reduces assembly cost
- Mechanical strain relief provides secure cable retention
- Hood is the same thickness as connector
- 60° exit promotes stacking and is suitable in extremely narrow spaces



Connector Size	Dimensions – Inch				
	A	B	C	ø - Plastic	ø - Metal
9	1.457	0.496	1.409	0.315	0.354
15	1.496	0.496	1.736	0.315	0.354
25	1.614	0.496	2.280	0.354	0.354
37	1.614	0.496	2.925	0.354	0.354



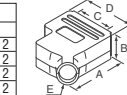
No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Plastic	951-0960PE-ND	4.68	3.47	2.87	951-009-010R011
15		951-15P60E-ND	5.74	4.13	3.45	951-015-010R011
25		951-25P60E-ND	5.88	4.24	3.53	951-025-010R011
37		951-37P60E-ND	6.24	4.68	3.90	951-037-010R011
9		951-09MP60E-ND	8.56	6.59	5.52	951-009-020R121
15	Metal	951-15MP60E-ND	9.61	7.57	6.34	951-015-020R121
25		951-25MP60E-ND	9.89	7.78	6.52	951-025-020R121
37		951-37MP60E-ND	11.29	8.73	7.45	951-037-020R121

954 Series – 45° Exit Ethernet Backshell

- Die Cast for excellent shielding
- Easy assembly reduces manufacturing cost
- 2 Piece grommet with various I.D.s included to enhance shielding and provide positive retention
- Slide locks and posts must be purchased separately



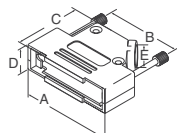
Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.429	0.571	0.984	1.220	0.512
15	1.587	0.571	1.312	1.555	0.512
25	1.587	0.571	1.852	2.094	0.512
37	1.587	0.571	2.500	2.744	0.512



No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9	Die Cast	954-09C45E-ND	4.68	3.47	2.87	954-009-030R121
15		954-15C45E-ND	5.66	4.08	3.40	954-015-030R121
25		954-25C45E-ND	5.79	4.17	3.48	954-025-030R121
37		954-37C45E-ND	8.25	6.28	5.38	954-037-030R121

971 Series – 45° Entry

- Die Cast: Lightweight zinc. Plating: Nickel over copper or black die cast
- Metalized Plastic: High temperature plastic UL 94V-0. Plating: Nickel over copper
- Plastic: High temperature plastic UL 94V-2
- Plastic-RoHS Compliant: High temperature plastic UL 94V-0, black
- Hardware: Steel with nickel or black plating



Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.220	.984	1.496	.610	.465
15	1.595	1.312	1.618	.610	.465
25	2.114	1.852	1.646	.610	.465
37	2.748	2.500	1.646	.610	.465

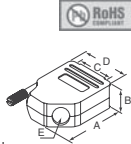
No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
37	Nickel	971-37N45-ND	7.67	6.61	4.50	971-037-030-121
37		971-37MP45-ND	4.74	4.09	2.78	971-037-020-121

RoHS Compliant

9	Nickel	971-09N45E-ND	3.81	2.79	2.28	971-009-030R121
15		971-15N45E-ND	4.55	3.33	2.72	971-015-030R121
25		971-25N45E-ND	4.55	3.33	2.72	971-025-030R121
37	Plastic	971-37N45E-ND	6.41	4.81	4.01	971-037-030R121
9		971-09MP45E-ND	3.78	2.68	2.20	971-009-020R121
15		971-15MP45E-ND	3.86	2.79	2.29	971-015-020R121
25	Metalized Plastic	971-25MP45E-ND	3.87	2.83	2.31	971-025-020R121
37		971-37MP4				

953 Series – 35° Entry

- 4 – 40 thumbscrews supplied with backshell (9 position only comes with 1 thumbscrew)
- More robust design for those areas that need it
- Fully tapped assembly holes allow easy assembly keeping manufacturing cost down
- 360° shielding with mechanical strain relief
- 2 Piece metalized plastic compression insert supplied

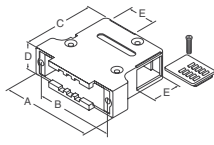


Connector Size	Dimensions – Inch				
	A	B	C	D	E
9	1.693	0.610	0.984	1.260	0.512
15	1.693	0.610	1.312	1.591	0.512
25	1.890	0.610	1.852	2.126	0.512
37	2.087	0.610	2.500	2.776	0.512

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9		953-09C35E-ND	4.90	3.63	3.00	953-009-030R121
15	Die	953-15C35E-ND	5.58	4.02	3.35	953-015-030R121
25	Cast	953-25C35E-ND	5.74	4.13	3.45	953-025-030R121
37		953-37C35E-ND	7.85	5.98	5.12	953-037-030R121

982 Series – Plastic or Metalized

- Cable Exit Top or Side
- Available in both plain plastic and metalized for EMI/RFI suppression
- Over 60dB shielding
- Operating Temperature: -35°C ~ 95°C



Materials: • Shell: Thermoplastic polyester; UL rated 94V-0 • Screw locks: Brass • EMI/RFI Plating: Electroplated with nickel over copper. Electroplated parts not UL rated

RoHS Compliant Materials: • Metalized Plastic: High temperature UL 94V-0 Plating: Electroplated nickel over copper • Plastic: High temperature plastic UL 94V-0 (gray) • Hardware: Steel, nickel plated

Connector Size	Dimensions – Inch				
	A	B	C	D	E
9†	1.23	.984	1.38	.630	.350
15	1.56	1.312	1.61	.630	.374
25	2.10	1.852	1.81	.630	.444
37	2.74	2.5	1.81	.630	.444
50	2.65	2.406	1.81	.735	.543

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
50	Gray Plastic	950U-ND	3.72	3.21	2.18	982-050-010-031

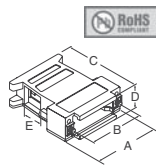
RoHS Compliant

9		909UE-ND†	3.23	2.26	1.85	982-009-010R031
15	Gray Plastic	915UE-ND	3.64	2.58	2.12	982-015-010R031
37		937UE-ND	4.19	3.07	2.50	982-037-010R031
50		950UE-ND	4.28	3.14	2.56	982-050-010R031
9		909UAE-ND†	5.30	3.93	3.25	982-009-020R121
15	Shielded	915UAE-ND	6.08	4.57	3.81	982-015-020R121
25	Metalized	925UAE-ND	6.46	4.85	4.05	982-025-020R121
37	Plastic	937UAE-ND	7.28	5.54	4.75	982-037-020R121
50		950UAE-ND	7.98	6.08	5.21	982-050-020R121

† 9-pin does not have a 90° cable entry.

975 Series – Plastic or Metalized

- 3-Way entry allows choice of entry options or use of multiple cable entries
- 4 – 40 thumbscrews supplied with backshell
- Fully tapped assembly holes allow easy assembly, keeping manufacturing cost down
- Metalized plastic provides up to 60dB shielding



Connector Size	Dimensions – Inch				
	A	B	C	D	E
9†	1.213	.984	1.800	.600	.300
15	1.541	1.312	1.800	.600	.335
25	2.088	1.852	1.800	.600	.375
37	2.735	2.500	1.800	.600	.400

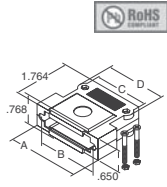
No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9		975-09MPA-ND†	4.60	3.40	2.82	975-009-020R121
15	Metalized Plastic	975-15MPA-ND	4.76	3.52	2.92	975-015-020R121
25		975-25MPA-ND	4.86	3.60	2.98	975-025-020R121
37		975-37MPA-ND	6.32	4.75	3.96	975-037-020R121
9		975-09BPA-ND†	4.00	2.93	2.39	975-009-010R011
15	Black Plastic	975-15BPA-ND	4.00	2.93	2.39	975-015-010R011
25		975-25BPA-ND	4.00	2.93	2.39	975-025-010R011
37		975-37BPA-ND	5.23	3.87	3.20	975-037-010R011

† 9 position has top cable entry only

976 Series – Plastic, Flat Ribbon

ABS high temperature plastic 94HB. Complete with 4-40 mating screws, housing screws and housing nuts.

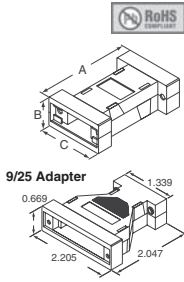
Conn. Size	Dimensions – Inch			
	A	B	C	D
9	1.319	.984	.758	.946
15	1.622	1.312	1.102	1.289
25	2.157	1.852	1.642	1.874
37	2.815	2.500	2.283	2.470



No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9		976-09RPE-ND	1.41	.94	.72	976-009-010R031
15	Gray	976-15RPE-ND	1.56	1.04	.82	976-015-010R031
25	Plastic	976-25RPE-ND	1.77	1.20	.93	976-025-010R031
37		976-37RPE-ND	1.88	1.24	1.00	976-037-010R031

957 Series – Gender Changer Backshell

- Snap together design allows low cost assembly
- 4 – 40 Mating screw for male connectors supplied with backshell
- 4 – 40 female coupling for females connectors sold separately
- Internal cavity designed for PCB

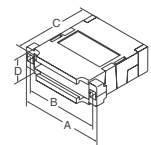


Connector Size	Dimensions – Inch		
	A	B	C
9	2.083	0.653	0.984
15	2.047	0.630	1.311
25	2.087	0.638	1.852

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
9		957-0911E-ND	1.07	.70	.51	957-009-010R011
15	Black Plastic	957-1511E-ND	1.18	.76	.58	957-015-010R011
9/25		957-92511E-ND	1.18	.76	.58	957-925-010R011
25		957-2511E-ND	1.18	.76	.58	957-025-010R011
9		957-0931E-ND	1.07	.70	.51	957-009-010R031
15	Gray	957-1531E-ND	1.18	.76	.58	957-015-010R031
9/25	Plastic	957-92531E-ND	1.18	.76	.58	957-925-010R031
25		957-2531E-ND	1.18	.76	.58	957-025-010R031
9		957-0921E-ND	1.66	1.12	.87	957-009-020R121
15	Metalized	957-1521E-ND	1.79	1.22	.94	957-015-020R121
9/25	Plastic	957-92521E-ND	1.79	1.22	.94	957-925-020R121
25		957-2521E-ND	1.79	1.22	.94	957-025-020R121

983 Series – Plain Plastic or Metalized Plastic

- May be used as a "Gender Changer," pin-out changer, or standard backshell
- Snap-together assembly
- Half-clamp with self-tapping screws provides positive strain-relief
- Available in plain plastic or metalized for EMI/RFI shielding



Connector Size	Dimensions – Inch				Max. Cable Dia.
	A	B	C	D	
9	1.25	.98	1.92	.65	.27
15	1.56	1.31	1.92	.63	.47
25	2.12	1.85	1.92	.63	.47
37	2.75	2.50	1.92	.63	.47
50	2.75	2.40	1.92	.75	.47

No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
			1	10	100	
37	Plain Plastic	937P-ND	2.02	1.75	1.19	983-037-010-031

RoHS Compliant

9		909PE-ND	1.28	.82	.63	983-009-010R031
15	Plain Plastic	915PE-ND	1.43	.95	.73	983-015-010R031
25		925PE-ND	1.66	1.12	.87	983-025-010R031
37		937PE-ND	2.53	1.75	1.43	983-037-010R031
50		950PE-ND	2.65	1.83	1.50	983-050-010R031
9		909M2E-ND	1.82	1.23	.96	983-009-020R121
15	Metalized Plastic	915M2E-ND	1.93	1.27	1.03	983-015-020R121
25		925M2E-ND	2.31	1.54	1.26	983-025-020R121
37		937M2E-ND	2.88	1.99	1.63	983-037-020R121
50		950M2E-ND	3.43	2.40	1.97	983-050-020R121

D-Sub Backshell Design Kit

Each kit contains a backshell from several different Norcomp backshell series, and a quick reference guide. The data sheet for each kit has a detailed list of what backshells are included.

Type	Digi-Key Part No.	Price Each
Plastic	DESIGNKIT-010-ND	48.48
Metalized Plastic	DESIGNKIT-020-ND	48.48
Die Cast	DESIGNKIT-030-ND	48.48

Non-Conductive Rubber Grommet Sets

For better EMI/RFI Shielding and/or strain relief. For use with D-Sub Backshells. Note: Grom-9/25 and Grom-50 have four grommets per set and Grom-37 has three per set.



Description	Outside Dia. A (Inch)		Inside Dia. B (Inch)	
	1	10	100	335
9/25	.400	.185	.248	.290
37	.620	.320	.410	.500
50	.730	.340	.425	.495

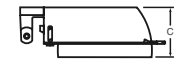
Description	Digi-Key Part No.	Price Each			NorComp Part No.
		1	10	100	
DB 37 Grom. Set	902G-ND	.77	.67	.46	162-000-037-000
DB 50 Grom. Set	903G-ND	1.05	.91	.62	162-000-050-000

RoHS Compliant

DB 9/25 Grom. Set	901GA-ND	.58	.35	.25	162-000-925R000
DB 37 Grom. Set	902GA-ND	1.13	.71	.54	162-000-037R000
DB 50 Grom. Set	903GA-ND	1.38	.92	.71	162-000-050R000

112 Series – Solder Cup Connector with Right Angle Backshell (Centronics Type)

- Material:**
- Insulator: Glass-filled thermoplastic, UL Rated 94V-0.
- Contacts: Copper alloy.
- Shell: Steel, nickel plated.
- Contact Plating: Gold plated.



Connector Size	Dimensions – Inch			
	A	B	C	D
50	3.780	2.538	1.325	.646

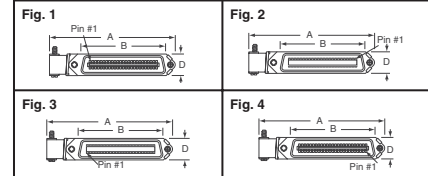


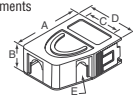
Fig.	No. of Pins	Type	Digi-Key Part No.	Price Each			NorComp Part No.
				1	10	100	
1	50	Male	1550RM-ND	6.67	5.76	3.92	112-050-103-011
2	50	Female	1550RF-ND	6.67	5.76	3.92	112-050-203-011
3	50	Female	1550LF-ND	6.67	5.76	3.92	112-050-203-021

RoHS Compliant

1	50	Male	1550RMA-ND	5.68	4.26	3.56	112-050-103L011
2	50	Female	1550RFA-ND	5.68	4.26	3.56	112-050-203L011
3	50	Female	1550LFA-ND	5.68	4.26	3.56	112-050-203L021
4	50	Male	1550LMA-ND	6.03	4.53	3.77	112-050-103L021

955 Series – Quick Lock and Quick Release Post Kits

- New locking system allows single hand removal / mating with secure latching. Ideal for high vibration environments
- 9 and 15 position allows 2-way cable exit
- 25 and 37 position allows 3-way cable exit
- 2 piece grommet with various I.D.s included
- Quick Locks Require Quick Release Post Kits



Conn. Size	Dimensions – Inch				
	A	B	C	D	E
9	1.740	0.606	0.984	1.299	0.354
15	1.740	0.606	1.312	1.626	