

NORCOMP D-Sub Backshells (Cont.)

980 / 981 Series — Ethernet: • Material: Die-cast zinc alloy, nickel plated. Complete with housing screws and housing nuts.

Conn. Size	Dimensions (Inch)		
	A	B	C
9	.984	1.240	1.850
15	1.312	1.555	2.323
25	1.852	2.106	2.835

(Series 981 - Right Angle shown)

No. of Pins	Type	Digi-Key Part No.	Price Each	NorComp Part No.
			1 10 100	
15	Series 980 Straight	915ES-ND	4.01 3.46 2.36	980-015-030-121
9	Series 981 Right	909ER-ND	4.09 3.53 2.40	981-009-030-121
15	Angle	915ER-ND	4.36 3.76 2.56	981-015-030-121
25		925ER-ND	4.29 3.70 2.52	981-025-030-121

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 to +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

Connector Size	Dimensions (Inch)			
	A	B	C	D
9*	1.23	1.38	.630	.350
15	1.56	1.61	.630	.374
25	2.10	1.81	.630	.444
37	2.74	1.81	.630	.444
50	2.65	1.81	.735	.543

No. of Pins	Type	Digi-Key Part No.	Price Each	NorComp Part No.
			1 10 100	
9	Gray Plastic	909U-ND*	3.39 2.93 1.99	982-009-010-031
15		915U-ND	3.39 2.93 1.99	982-015-010-031
25		925U-ND	3.66 3.16 2.15	982-025-010-031
37		937U-ND	4.28 3.70 2.52	982-037-010-031
50	950U-ND	5.12 4.42 3.01	982-050-010-031	
9	Shielded	909UA-ND*	6.39 5.51 3.75	982-009-020-121
15		915UA-ND	6.50 5.60 3.81	982-015-020-121
25	Metalized	925UA-ND	6.92 5.97 4.06	982-025-020-121
37		937UA-ND	8.05 6.95 4.73	982-037-020-121
50	950UA-ND	8.83 7.62 5.18	982-050-020-121	

* Part Number 909U-ND and 909UA-ND does not have a side cable exit.

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

Conn. Size	Dimensions (Inch)					Max. Cable Dia.
	A	B	C	D	E	
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	
50	Shielded Plastic Fiber (for EMI/RFI)	950M-ND	4.21 3.63 2.47	TT50NA
9	Plain Plastic	909P-ND	1.13 .98 .67	983-009-010-031
15		915P-ND	1.37 1.19 .81	983-015-010-031
25		925P-ND	1.71 1.48 1.01	983-025-010-031
37		937P-ND	2.78 2.40 1.64	983-037-010-031
50		950P-ND	2.93 2.53 1.72	983-050-010-031
9	Metalized Plastic	909M2-ND	1.73 1.50 1.02	983-009-020-121
15		915M2-ND	1.86 1.60 1.09	983-015-020-121
25		925M2-ND	2.37 2.05 1.39	983-025-020-121
37		937M2-ND	3.07 2.65 1.81	983-037-020-121
50		950M2-ND	3.77 3.25 2.21	983-050-020-121

993 Series — 45° Economy: • Material: Metalized Plastic and Plastic; ABS high temperature plastic, 94HB. Metalized Plating: Chrome.

Includes housing screws, housing nuts, 4-40 thumbscrews, strain relief clamps, and strain relief screws.

Conn. Size	Dimensions (Inch)				
	A	B	C	D	E
9	1.213	.984	1.595	.630	.260
25	2.165	1.852	2.095	.641	.400

No. of Pins	Type	Digi-Key Part No.	Price Each	NorComp Part No.
			1 10 100	
9	Metalized Plastic	993-09MP45-ND	1.86 1.60 1.09	993-009-020-121
25		993-25MP45-ND	2.00 1.73 1.18	993-025-020-121
9	Plastic	993-109P45-ND	1.31 1.13 .77	993-009-010-031
25		993-125P45-ND	1.45 1.25 .85	993-025-010-031

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	.433	.790	.984	1.244	1.82	.614
15	.433	1.135	1.312	1.575	1.82	.665
25	.433	1.640	1.852	2.106	1.82	.630

No. of Pins	Type	Digi-Key Part No.	Price Each	NorComp Part No.
			1 10 100	
9	Straight	994-09DC-ND	3.31 2.85 1.94	994-009-030-121
15		994-15DC-ND	3.57 3.08 2.10	994-015-030-121
25		994-25DC-ND	3.94 3.40 2.32	994-025-030-121

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.

Digi-Key Part No.	Outside Dia. A (Inch)	Inside Diameter B (Inch)		
901G-ND	.400	.185	.248	.290 .335
902G-ND	.620	.320	.410	.500
903G-ND	.730	.340	.425	.495 .650

Description	Digi-Key Part No.	Price Each	NorComp Part No.
		5 25 100	
DB 9/25 Grom. Set	901G-ND	.40 .34 .24	162-000-925-000
DB 37 Grom. Set	902G-ND	1.06 .92 .63	162-000-037-000
DB 50 Grom. Set	903G-ND	1.45 1.25 .85	162-000-050-000

112 Series — Solder Cup 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.

Conn. Size	Dimensions (Inch)			
	A	B	C	D
36	3.178	1.943	1.075	.646
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	9.19 7.93 5.39	112-050-103-011
2	50	Female	1550RF-ND	9.19 7.93 5.39	112-050-203-011
3	50	Male	1550LM-ND	9.19 7.93 5.39	112-050-103-021
4	50	Female	1550LF-ND	9.19 7.93 5.39	112-050-203-021

Hardware

Fig. 1 	Fig. 2 	Fig. 3
Fig. 4 	Fig. 5 	Fig. 6
Fig. 7 	Fig. 8 	Fig. 9

T2020-ND Insertion/Removal Tool\$8.76 each

Fig.	Description	Dim. (Inch) A B	Digi-Key Part No.	Price Each	NorComp Part No.
				1 10 100	
Slide Lock Posts for Ethernet Hoods (994 Series)					
1	9-Pin, D-Sub, or Ethernet	— —	160-09SL-ND	1.77 1.53 1.04	160-009-002-031
	15-Pin, D-Sub, or Ethernet	— —	T2040-ND	1.29 1.12 76	160-015-003-031
	25-Pin, D-Sub, or Ethernet	— —	160-25SL-ND	2.15 1.85 1.26	160-025-004-031
2	2 Connectors Required	— —	T2042-ND	1.34/2 .58 .40	160-000-005-041
Dust Covers					
3	Female, 9-Position D-Sub	— —	909DC-ND	.52 .45 .31	160-000-209-00
	Female, 15-Position D-Sub	— —	915DC-ND	.52 .45 .31	160-000-215-00
	Female, 25-Position D-Sub	— —	925DC-ND	.52 .45 .31	160-000-225-00
3	Male, 9-Position D-Sub	— —	160-09M-ND	.55 .48 .33	160-000-109-000
	Male, 15-Position D-Sub	— —	160-15M-ND	.55 .48 .33	160-000-115-000
	Male, 25-Position D-Sub	— —	160-25M-ND	.55 .48 .33	160-000-125-000
4-40 Female Coupling Nut					
4	Brass, Plating Yellow Chromate	— —	160-06YC-ND	.25 .15 .11	160-000-006-042
	Brass, Plating Nickel	— —	160-06N-ND	.25 .15 .11	160-000-006-032
4-40 Male Screwlock with Slip-On Retainer					
5	Steel, Plating Tin	— —	160-01MT-ND	.87 .75 .51	160-000-001-051
	Steel, Plating Yellow Chromate	— —	160-01MYC-ND	.81 .70 .48	160-000-001-041
4-40 Male Screwlock with Clip-On Retainer (2 screws, 2 clips)					
6	Screw - Steel, Tin Plating Clip - Stainless Steel	— —	160-02M-ND	.81 .70 .48	160-000-002-051
Plastic Clips for Retaining Connectors to PC .062" Board					
7	Nylon	— —	163-01P-ND	.25 .15 .11	163-001-000-000
4-40 Female Screwlock Assembly					
8	Steel, Plating Yellow Chromate	.187 .312	160-10F-ND	.70 .60 .41	160-000-010-041
	Steel, Plating Nickel	.187 .625	160-11F-ND	.99 .85 .58	160-000-011-041
	Steel, Plating Nickel	.250 .156	160-12F-ND	.81 .70 .48	160-000-012-041
	Steel, Plating Yellow Chromate	.197 .197	160-13F-ND	.55 .48 .33	160-000-013-041
	Steel, Plating Yellow Chromate	.197 .323	160-15F-ND	.55 .48 .33	160-000-015-041
	Steel, Plating Yellow Chromate	.197 .433	160-16F-ND	.64 .55 .38	160-000-016-041
	Steel, Plating Yellow Chromate	.197 .520	160-17F-ND	.67 .58 .40	160-000-017-041
	Steel, Plating Yellow Chromate	.197 .669	160-18F-ND	.70 .60 .41	160-000-018-041
4-40 Thumbscrew - Nickel Plated Steel Finish					
9	For 977/978/979 Series Backshells	— —	160-02TS-ND	.26 .23 .16	160-000-050-031
2.6mm Thumbscrew - Nickel Plated Steel Finish					
9	For 970/972 Series Backshells	— —	160-03TS-ND	.70 .60 .41	160-000-060-031

More Product Available Online: www.digikey.com

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