Accessories – Backshells – D*H Series

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Features

Backshells have two-piece construction and are frequently used where appearance is a major factor.

- RFI/EMI shielding capability is also an option:
  - Plastic Backshells: No shielding.
  - Metallized Plastic: Economical method of shielding.
  - Diecast Backshells: Maximum shielding.
- Standard two-piece construction available in plastic, metallized plastic, or diecast zinc versions with 180° straight cable entry.
- Fits standard metal shell D-subminiature plugs and sockets as well as HTD Series 1.5 D-subs.
- Included in all backshells:
  - Hardware: 4-40 screws, hex nuts, 4-40 screw mounting bracket.
  - Grommets: To accommodate most cable sizes. Grommets also function as strain reliefs.
- Backshells are individually bagged.
- Note that slide locks may not be used with these backshells.
- Optional thumbscrew for backshell must be ordered separately if required.

Materials

4-40 screws, hex nuts, mounting bracket: Steel with zinc plating and clear chromate coating.

Standard Backshells

- Plastic Backshells: ABS (black), hardware – steel with zinc plating, grommets – polyphenylene, (black).
- Metallized Plastic Backshells: ABS with nickel over copper plating, hardware – steel with zinc plating, grommets – PVC (black).
- Diecast Backshells: Diecast zinc, grommets – PVC (black).
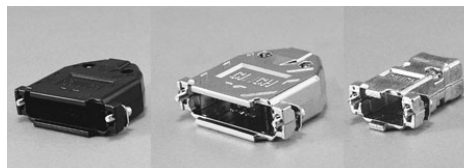
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Part Numbers

Ordering Information
D*H Two-Piece Backshells (see below for RoHS parts)

Shell Size	Fits Standard Density	Cable Entry Style	Plastic	Cable Dia. (in)	Metallized Plastic	Cable Dia. (in)
E	9	Straight (180°)	DPH-E-001 [5]	.210-.320	DCH-E-001 [5]	.210-.350
A	15	Straight (180°)	DPH-A-001 [5]	.210-.320	DCH-A-001 [5]	.210-.350
B	25	Straight (180°)	DPH-B-001 [5]	.230-.450	DCH-B-001 [5]	.230-.450
C	37	Straight (180°)	DPH-C-001 [5]	.350-.650	DCH-C-001 [5]	.350-.640
D	50	Straight (180°)	N/A	.350-.650	DCH-D-001 [5]	.350-.640

Ordering Information
D*H Two-Piece Backshells (see below for RoHS parts)

Shell Size	Fits Standard Density	Cable Entry Style	Diecast Metal	Cable Dia. (in)
E	9	Straight (180°)	DMH-E-001 [5]	.210-.320
A	15	Straight (180°)	DMH-A-001 [5]	.210-.320
B	25	Straight (180°)	DMH-B-001 [5]	.230-.450
C	37	Straight (180°)	DMH-C-001 [5]	.350-.650
D	50	Straight (180°)	~~DMH-D-001~~ [5]	.350-.640

Ordering Information for RoHS D*H Two-Piece Backshells

Shell Size	Fits. Std. Dens	Cable Entry Style	Plastic	Cable Dia. (in)	Metallized Plastic	Cable dia. (in)	Diecast Metal	Cable Dia. (in)
E	9	Straight (180°)	DPH-E-003 [5]	.210-.320	DCH-E-003 [5]	.210-.320		.
A	15	Straight (180°)	DPH-A-003 [5]	.210-320	DCH-A-003 [5]	.210-.350	DMH-A-003 [5]	.210-.320
B	25	Straight (180°)	DPH-B-003 [5]	.230-.450	DCH-B-003 [5]	.230-.450		.
C	37	Straight (180°)	N/A		DCH-C-003 [5]	.350-640	DMH-C-003 [5]	.350-.650
PDF			Plastic Drw. [6]		Met. Plast. Drw. [7]		Diecast Drw. [8]	

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Dimensions

Straight (180deg.) Plastic & Metalized Plastic Dimensions

Shell Size	A		B		C		D		E		F	
in	in	mm	in	mm	in	mm	in	mm	in	mm	in	
E	1.225	31.12	1.547	39.29	0.640	16.26	0.645	16.38	0.400	10.16	0.984	24.99
A	1.540	39.12	1.516	38.51	0.640	16.26	0.645	16.38	0.400	10.16	1.312	33.32
B	2.090	53.09	1.655	42.04	0.710	18.03	0.645	16.38	0.522	13.26	1.857	47.17
C	2.730	69.34	1.830	46.48	0.906	23.01	0.645	16.38	0.725	18.42	2.500	63.50
D	2.645	67.18	1.855	41.12	0.940	23.88	0.750	19.05	0.725	18.42	2.406	61.11

EMI/RFI Shielded Diecast Backshells Dimensions

Shell Size	A		B		C		D		E		F	
in	in	mm	in	mm	in	mm	in	mm	in	mm	in	
E	1.225	31.12	1.465	37.21	0.620	15.75	0.620	15.75	0.400	10.16	0.984	24.99
A	1.540	39.12	1.600	40.64	0.620	15.75	0.620	15.75	0.400	10.16	1.312	33.32
B	2.090	53.09	1.570	39.88	0.690	17.53	0.620	15.75	0.525	13.34	1.857	47.17
C	2.730	69.34	1.810	45.97	0.862	21.89	0.620	15.75	0.725	18.42	2.500	63.50
D	2.624	66.65	1.800	45.72	0.862	21.89	0.730	18.54	0.725	18.42	2.406	61.11

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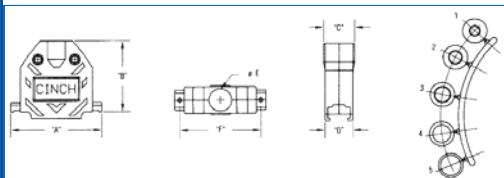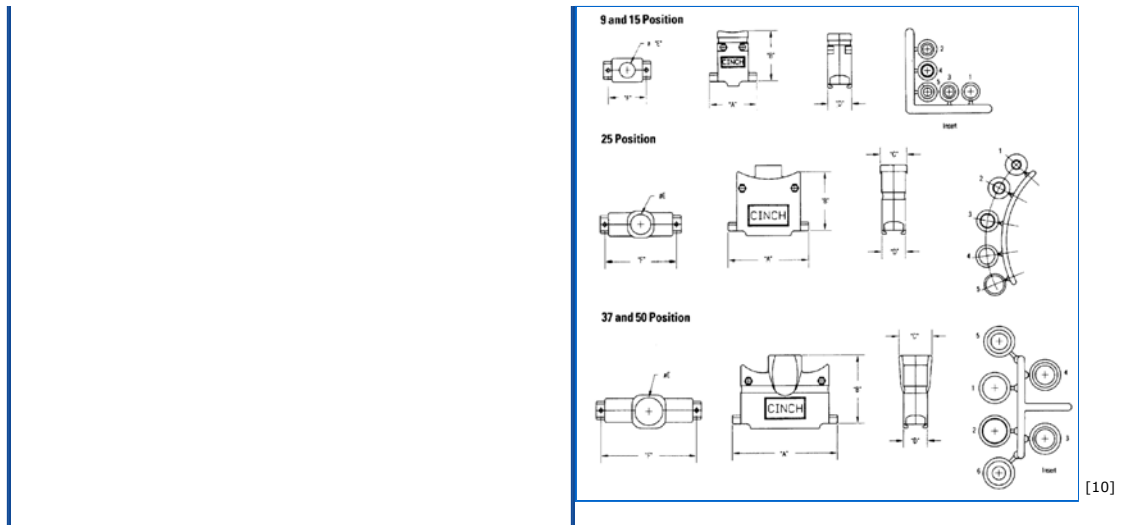
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[5] DPH-E-001: **http://www.cinch.comjavascript:viewPartNumInfo(**
[6] Plastic Drw.: **http://www.cinch.com/pdfs/1195164201-DPH-X-003.PDF**
[7] Met. Plast. Drw.: **http://www.cinch.com/pdfs/1195164537-DCH-X-003.PDF**
[8] Diecast Drw.: **http://www.cinch.com/pdfs/1195164560-DMH-X-003.PDF**
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