

CINCH D-Subminiature Connectors and Accessories

D*U SERIES 0.109" DENSITY METAL SHELL

Features:

- Crimp and Poke Machined contacts supplied loose with connector
- Commercial grade metal shell connectors intermate with all existing D-sub of comparable pin contacts
- With .120 mounting holes
- Use with 20-24 AWG wire
- UL Recognized: Files E170218 (UL1977) & E130965 (UL1863)
- CSA Approved: File LR31996

Specifications:

- Plug and Socket contact material: copper alloy
- Insulator Material: Glass-filled nylon, black
- Connector shell: steel with zinc plating and clear chrome finish
- Operating temperature: -65°C to +125°C
- Withstanding voltage: minimum 1000V RMS @ sea level
- RoHS Compliant per Cinch documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	No. of Positions	Price Each			
					1	25	50	100
D*U Connectors with Machined Contacts								
538-DEUH-9P	DEUH-9P	A	Plug	9	3.95	3.52	3.17	2.95
538-DEUH-9S	DEUH-9S	B	Socket	9	5.55	4.12	3.77	3.48
538-DAUH-15P	DAUH-15P	A	Plug	15	5.77	5.18	4.66	4.33
538-DAUH-15S	DAUH-15S	B	Socket	15	8.57	7.66	6.93	6.87
538-DBUH-25P	DBUH-25P	A	Plug	25	8.78	7.84	7.09	6.59
538-DBUH-25S	DBUH-25S	B	Socket	25	13.55	12.10	10.94	10.16
D*U Connectors (Contacts Not Included) * Contacts must be purchased separately - See below								
538-DEUH-9P-FO	DEUH-9P-FO	A	Plug	9	1.64	1.46	1.32	1.23
538-DEUH-9S-FO	DEUH-9S-FO	B	Socket	9	1.64	1.46	1.32	1.23
538-DAUH-15P-FO	DAUH-15P-FO	A	Plug	15	1.81	1.61	1.48	1.36
538-DAUH-15S-FO	DAUH-15S-FO	B	Socket	15	1.81	1.61	1.48	1.36
538-DBUH-25P-FO	DBUH-25P-FO	A	Plug	25	2.06	1.84	1.65	1.54
538-DBUH-25S-FO	DBUH-25S-FO	B	Socket	25	1.84	1.64	1.47	1.38
Machined Crimp and Poke Contacts * RoHS Compliant per Cinch documentation								
538-030-1952-000	030-1952-000	C	Pin	-	.28	-	-	.246
538-0301953000	030-1953-000	D	Socket	-	.75	-	-	.60

BASIC-D SERIES 0.109" DENSITY METAL SHELL, SOLDER POT CONTACTS WITH SHELL

Specifications:

- Insulator Material: Glass-filled polyester, white
- Connector shell: Steel with zinc plating and clear chrome finish
- Contact Material: Copper alloy
- Contact plating: Gold flash over nickel
- Tail length: .375"
- Operating temperature: -65°C to +125°C
- Withstanding voltage: minimum 1250V RMS @ sea level
- RoHS Compliant per Cinch documentation

Features:

- With .120 mounting holes
- Stamped contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	No. of Positions	Price Each			
					1	25	50	100
538-DEH-9P	DEH-9P	E	Plug	9	2.60	2.49	2.35	2.18
538-DEH-9S	DEH-9S	F	Socket	9	3.01	2.69	2.44	2.26
538-DAH-15P	DAH-15P	F	Plug	15	4.63	4.14	3.80	3.48
538-DAH-15S	DAH-15S	F	Socket	15	3.79	3.38	3.05	2.84
538-DBH-25P	DBH-25P	E	Plug	25	5.30	4.74	4.28	3.98
538-DBH-25S	DBH-25S	F	Socket	25	5.29	4.72	4.26	3.95

DEEP STRAIGHT CLAMP JUNCTION SHELL

Materials:

- Shell Material: Zinc plated low carbon steel with clear chrome finish
- Stop Nut: Zinc-plated brass with clear chrome finish
- Clamp and Screw: Zinc-plated steel with clear chrome finish
- RoHS Compliant per Cinch documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Shell Size	Dimensions: in. (mm)			Price Each		
				A	B		1	25	50
538-DE-24657-30	DE-24657-30	G	9	1.203 (30.56)	1.219 (30.96)		4.84	4.32	3.90
538-DA-24658-31	DA-24658-31	G	15	1.531 (38.89)	1.250 (31.75)		4.34	3.88	3.50
538-DB-24659-32	DB-24659-32	G	25	2.078 (52.78)	1.531 (38.89)		3.59	3.20	2.89
538-DC-24660-33	DC-24660-33	G	37	2.718 (69.04)	1.531 (38.89)		3.91	3.49	3.16
538-DD-24661-34	DD-24661-34	G	50	2.625 (66.68)	1.656 (42.06)		4.38	3.91	3.53

COMMERCIAL SCREW LOCK ASSEMBLIES

- Two screwlocks are required per connector.
- Female screwlocks consist of one #4-40 screw, two flat washers, one lockwasher, and one #4-40 nut.
- Male screwlocks consists of one #4-40 slotted screw and a spring tension clip.
- * Indicates Use With Junction Shells (P = Plug; S = Socket)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Use with Shell Size	Price Each		
					1	25	50
538-D20418-42	D20418-42	H	Female Screwlocks	9,15,25,37,50 (P&S)	.73	.563	.441
538-D20419-40	D20419-40	I	Male Screwlocks	9,15(P&S); 25,37(S ONLY)	.54	.477	.429
* 538-D20419-46	D20419-46	I	Male Screwlocks	9,15(S ONLY); 25,37(P&S)	.91	.81	.74
538-D20420-0	D20420-0	I	Male Screwlocks	50 (S ONLY)	.78	.71	.69

SLIDE LOCK ASSEMBLIES

- Each assembly consists of the lock retainer plate, two screws, 2 washers, and two nuts.
- Two lock posts, part # D-53018, are required to fit into the mounting holes of the mating connectors, must be ordered separately.
- Compatible with all Cinch metal shell D-sub connectors, Backshells, hoods, and junction shells except D*H Series, SDH Series, and Phenolic hood.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Use with Shell Size	Dimensions: in. (mm)			Price Each		
					A	B	C	1	25	50
538-DE-51224-1	DE-51224-1	J	Assembly for Shell Size E	9	1.442 (36.63)	.500 (12.70)	.984 (24.99)	1.68	1.50	1.35
538-DB-51221-1	DB-51221-1	J	Assembly for Shell Size B	25	2.293 (58.24)	.500 (12.70)	1.852 (47.04)	1.82	1.62	1.47
538-D-53018	D-53018	-	Lock post - required for parts above	-	-	-	-	.92	.72	.67

DUST CAPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Color	Use with Shell Size	Price Each		
						1	25	50
538-DE-60-20	DE-60-20	K	Plug Dust Cap	Black	9	1.36	1.23	1.10
538-DE-59-20	DE-59-20	K	Socket Dust Cap	Black	9	1.36	1.23	1.10
538-DA-60-20	DA-60-20	K	Plug Dust Cap	Black	15	1.44	1.29	1.17
538-DA-59-20	DA-59-20	K	Socket Dust Cap	Black	15	1.44	1.28	1.17
538-DB-60-20	DB-60-20	K	Plug Dust Cap	Black	25	1.37	1.22	1.11
538-DB-59-20	DB-59-20	K	Socket Dust Cap	Black	25	1.83	1.63	1.48

STRAIGHT BACKSHELLS - TWO-PIECE D*H SERIES

- Fits Standard and High Density D-Subminiature Connectors.
- Backshell includes hardware: 4-40 screws, hex nuts 4-40 mounting bracket and grommets to accommodate most cable sizes and function as strain reliefs.
- Backshells are individually bagged.
- Slide locks may not be used with these backshells.
- Optional thumbscrew for backshells must be ordered separately if required.
- RoHS Compliant per Cinch documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Conn Positions Std/ 1.5 Density	Dimensions: in. (mm)		Price Each		
					A	B	1	25	50
Plastic and Metalized Backshells									
538-DCH-B-003	DCH-B-003	L	Metalized Plastic, Cable Dia .230-.450"	25/44	2.090 (53.09)	1.570 (39.88)	4.60	4.11	3.71
538-DCH-E-003	DCH-E-003	L	Metalized Plastic, Cable Dia .210-.350"	9/15	1.225 (31.12)	1.465 (37.21)	3.61	3.22	2.90
538-DPH-B-003	DPH-B-003	L	Plastic, Cable Dia .230-.450"	25/44	2.090 (53.09)	1.570 (39.88)	2.68	2.41	2.16
538-DPH-E-003	DPH-E-003	L	Plastic, Cable Dia .210-.320"	9/15	1.225 (31.12)	1.465 (37.21)	2.20	1.97	1.78
Diecast EM/RFI Shielded Backshells									
538-DMH-E-003	DMH-E-003	M	Diecast Metal, Cable Dia .210-.320"	9/15	1.225 (31.12)	1.465 (37.21)	4.80	4.29	3.88
538-DMH-B-003	DMH-B-003	N	Diecast Metal, Cable Dia .230-.450"	25/44	2.090 (53.09)	1.570 (39.88)	5.84	5.24	4.72
538-4-40-THMB-1	4-40-THMB-1	-	Screw - 2 ea. required per backshell	-	-	-	.46	.41	.38

A

RoHS Compliant

B

RoHS Compliant

C

RoHS Compliant

D

RoHS Compliant

E

RoHS Compliant

F

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"D" Connectors Cinch