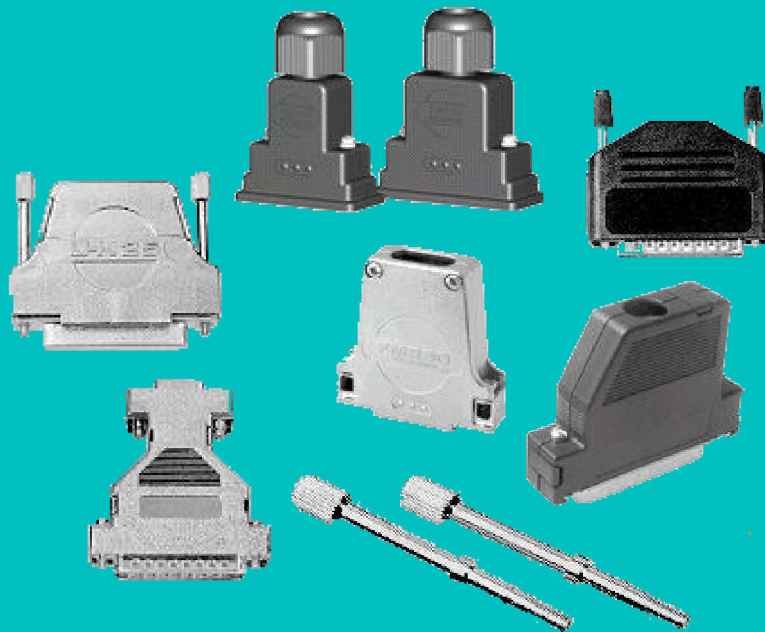




# Cambridge Connectors

a division of Cambridge Electronic Industries Ltd

## D Subminiature Accessories



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### Hoods for D Sub-miniature Connectors

**Plastic Hood - 180°**



- A family of low cost, one-piece top entry black plastic hoods designed to accommodate 9, 15, 25, 37 or 50 contact subminiature D connectors. Hinged in the centre, the two halves of this hood latch together. This product is supplied with long thumbscrews and strain relief with variable cable adjustment.

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 254 P	9.2mm
15	DAC 255 P	11.0mm
25	DAC 256 P	11.5mm
37	DAC 257 P	10.8mm
50	DAC 258 P	12.9mm

**Plastic Hood - 180°**  
(available metalised)



Metalised version

- This family provides a high quality, two-piece black plastic top entry hood for 9, 15, 25, 37 and 50 way subminiature D connectors. The two pieces of this hood latch together, and are then screwed for positive locking. The standard part includes strain relief and long thumbscrews.
- **Note: If the metalised version is required please suffix the part number with 'Z'**

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 40 P	8.0mm
15	DAC 41 P	8.0mm
25	DAC 42 P	11.3mm
37	DAC 43 P	11.3mm
50	DAC 44 P	13.8mm

**Plastic Hood - 180°**  
(available metalised)



Plastic version

- A quality range of two-piece grey plastic hoods, designed for top or side entry applications and for use with 9, 15, 25, 37 or 50 way subminiature D connectors. Latch and screw retention. Strain relief, cover plate and short jackscrews supplied.
- **Note: If the metalised version is required please suffix the part**

No. of contacts	Part Number	Cable Outlet (max)
*09	DAC 62 P	6.5mm
15	DAC 63 P	11.2mm
25	DAC 64 P	11.2mm
37	DAC 65 P	11.2mm
50	DAC 66 P	14.0mm

\* = top entry only

**Plastic Hood - 180°**



- A quality range of one-piece top entry grey plastic hoods in 9, 15, 25, 37 and 50 way versions for use with subminiature D connectors. This product is supplied with a plastic strain relief wedge and connector mounting screws. Slide locks can be fitted.

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 35 P	7.1mm
15	DAC 36 P	9.1mm
25	DAC 30 P	9.1mm
37	DAC 37 P	9.1mm
50	DAC 67 P	11.9mm

## Hoods for D Sub-miniature Connectors

### Plastic Hood - 90°



- This product group of one-piece grey plastic hoods is designed with a right-angle cable outlet, for use with the standard size subminiature D connectors. It comes complete with a plastic strain relief wedge and connector mounting screws. Slide locks can be fitted.

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 39 P	7.1mm
15	DAC 28 P	9.1mm
25	DAC 31 P	9.1mm
37	DAC 53 P	9.1mm
50	DAC 27 P	11.9mm

### Die-Cast Hood - 180°



- A series of zinc die-cast metal hoods with nickel plated finish, in 9, 15, 27, 37 and 50 way versions for housing subminiature D connectors. Complete with long thumbscrews the two-piece body is supplied with a strain relief, rubber grommet and

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 09 P	9.0mm
15	DAC 47 P	9.0mm
25	DAC 32 P	11.3mm
37	DAC 68 P	11.3mm
50	DAC 69 P	13.8mm

### Die-Cast Hood - 180°



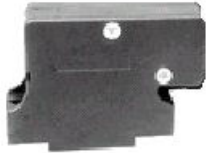
- This product grouping offers two-piece top entry zinc die-cast metal hoods for subminiature D connectors in the 9, 15 and 25 way versions with a range of optional cable outlet sizes for which details are available on request.

**Note:** Other cable outlet sizes available, please consult factory.

No. of contacts	Part Number	Cable Outlet (max)
09	DAC 232 P	5.5mm
09	DAC 176 P	6.3mm
09	DAC 173 P	8.0mm
09	DAC 177 P	8.9mm
09	DAC 104 P	10.5mm
15	DAC 233 P	6.0mm
15	DAC 179 P	8.9mm
25	DAC 180 P	6.3mm
25	DAC 181 P	8.9mm
37	DAC 183 P	8.9mm
37	DAC 185 P	15.0mm

## Hoods for D Sub-miniature Connectors

### Plastic Hood - 90°



- 2 piece screw together black plastic hood. Designed with a 90° cable exit, for use with standard D Subminiature connectors, it comes complete with cable clamp and strain relief

No. of contacts	Part Number	Cable Outlet Ø
25	DAC 314	4-11mm
37	DAC 315	4-12mm

**Note: If the metalised version is required please suffix the part number with 'Z'**

### Plastic Adaptor/Hood



- 2 piece clip together black plastic adaptor hood designed to accommodate both cable to connector and connector to connector applications. The product is supplied with accessories allowing it to be used in either mode.

No. of contacts	Part Number	Cable Outlet Ø
9	DAC 316	7.7mm
15	DAC 317	7.7mm
25	DAC 318	7.7mm
37	DAC 319	7.7mm
50	DAC 320	7.7mm

**Note: If the metalised version is required please suffix the part number with 'Z'**

### Plastic Hood - 60° and 180°



- 2 piece screw together black plastic hood designed for use with connectors which are mounted closely together as in the euro style, dual port connectors or where space around the connector does not permit the use of a standard hood. It is available with 60° and 180° cable exit.

60°		
No. of contacts	Part No.	Cable Outlet Ø
9	DAC 325	4-8mm
15	DAC 326	4-8mm
25	DAC 327	4.5-9mm
37	DAC 328	4.5-9mm

180°		
No. of contacts	Part No.	Cable Outlet Ø
9	DAC 321	4-8mm
15	DAC 322	4-8mm
25	DAC 323	4.5-9mm
37	DAC 324	4.5-9mm

**Note: If the metalised version is required please suffix the part number with 'Z'**

## Hoods for D Sub-miniature Connectors

### Metal Hoods



DAC 329  
180° Outlet



DAC 330  
45° Outlet

2 piece screw together metal hood designed to accept 2 cables entering the assembly.

No. of contacts	Part Number	Cable Outlet Ø
25	DAC 329	7.5-9 x 2

No. of contacts	Part Number	Cable Outlet Ø
37	DAC 330	8.5-10 x 2

### Waterproof Hoods - 180°



- Specification: DIN 40050 - IP67
- Operating temperature range: -25 degs. C +70 degs. C
- Standard version: Glass fibre reinforced polyester, self-extinguishing (UL94V-O)
- Colour: Black / Silver for shielded
- Shielded version: ABS, self-extinguishing

Shell Size	Part No.	
	Plastic	Metallised
1	DAC 269	DAC 269 Z
2	DAC 270	DAC 270 Z
3	DAC 271	DAC 271 Z

### Waterproof Hoods - 180°



Rear Mounting

No. of contacts	Part No.	Cable Outlet Ø
9	DAC 340	6-8mm
15	DAC 341	6-8mm

**Note: If the metallised version is required please suffix the part number with 'Z'**



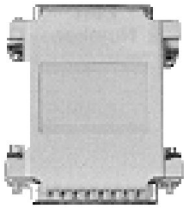
Front Mounting

No. of contacts	Part No.	Cable Outlet Ø
9	DAC 338	6-8mm
15	DAC 339	6-8mm

**Note: If the metallised version is required please suffix the part number with 'Z'**

## Gender Changers

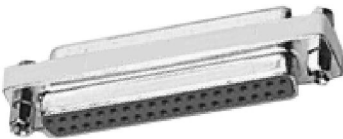
### Gender Changer Hood



- A two-piece light grey plastic gender changer for use with subminiature D connectors in the 9, 15, 25, 37 and 50 way versions. The body halves latch together, and locking screws are provided to secure connectors in the mated position.  
(Connectors supplied separately)
- **Note: If the metalised version is required please suffix the part number with 'Z'**

Size	Part Number
1	DAC 167 P
2	DAC 168 P
3	DAC 268 P
4	DAC 169 P

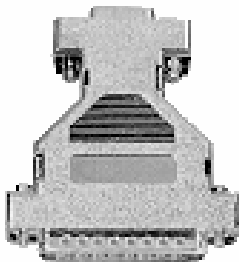
### Gender Changer



- A very low profile series of gender changer, male-to-male and female-to-female, with all pins connected straight through. Male gender changer is fitted with jackpost to jackscrew, and female is fitted with jackpost to jackpost.  
Available in 9, 15 and 25 way versions.

Size	Male/Male	Female/Female
1	DAC 121 P	DAC 126 P
2	DAC 122 P	DAC 127 P
3	DAC 123 P	DAC 128 P

### Gender Changer Hood



- A 9 to 25 way two-piece plastic gender changer which is also available with a metalised finish for use where applications have a requirement for a shielded product. Supplied complete with hardware.  
(Connectors supplied separately)
- **Note: If the metalised version is required please suffix the part number**

Size	Part Number
9/25	DAC 162 P

**Mixed Layout Hoods**

Solid Metal Hoods - Straight Cable Outlet



Shell Size	Part No.
1	DAC 275
2	DAC 276
3	DAC 277
4	DAC 278
5	DAC 279

Solid Metal Hoods - 45° Angled Cable Outlet



Shell Size	Part No.
1	DAC 163
2	DAC 165
3	DAC 164
4	DAC 166
5	DAC 266

Plastic/Metalised Plastic Hoods - Straight Cable Outlet



Shell Size	Part No.	Part No.
	Plastic	Metalised
1	DAC 280	DAC 280Z
2	DAC 281	DAC 281Z
3	DAC 282	DAC 282Z
4	DAC 283	DAC 283Z
5	DAC 284	DAC 284Z

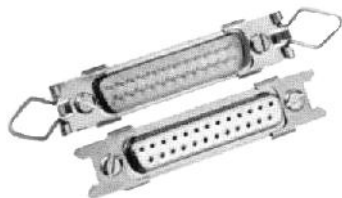
Plastic/Metalised Plastic Hoods - 70° & 80° Angled Cable Outlet



Shell Size	Outlet Angle	Part No. Plastic	Part No. Metalised
1	70°	DAC 145	DAC 145Z
1	80°	DAC 146	DAC 146Z
2	70°	DAC 147	DAC 147Z
2	80°	DAC 148	DAC 148Z
3	70°	DAC 149	DAC 149Z
4	70°	DAC 285	DAC 285Z
5	70°	DAC 286	DAC 286Z

Accessories for D Sub-miniature Connectors

spring latch assembly



Spring Latch	Part Number
Size 1-4	DAC 01 P
Size 5	DAC 05 P

End Latch	Part Number
Size 1-4	DAC 06 P
Size 5	DAC 10 P

slide-lock conversion block



Description	Part Number
4-40 UNC	DAC 07 P

slide-lock studs



Description	Part Number
All sizes	DAC 16 P
Stud 4-40 UNC; overall length 15.1mm; thread length 12.5mm	DAC 139 P

screw-lock assembly - female



Description	Part Number
lock nut stud 8mm 4-40UNC thread	DAC 21 P
lock nut stud 8mm M3 thread	DAC 22 P
lock nut stud 16mm 4-40UNC thread	DAC 113 P
lock nut stud 4-40 UNC internal M3 external thread 8mm	DAC 80 P
lock nut stud M3 internal 4-40UNC external thread (8mm)	DAC 117 P
screwlock 14.5mm 4-40UNC thread	DAC 84 P
screwlock 4-40UNC internal M2.5 external thread 8mm	DAC 115 P
screwlock 4-40UNC internal M3 external thread (4mm)	DAC 193 P
screwlock 40-40UNC internal 4-40 UNC external thread (6.0mm)	DAC 267 P
screwlock assembly 12.7mm 4-40UNC thread	DAC 33 P



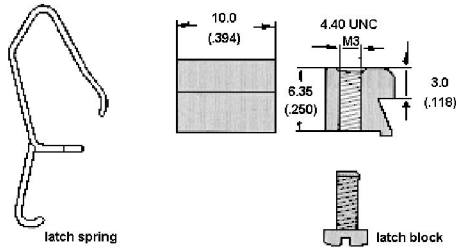
Accessories for D Sub-miniature Connectors

Jackscrews



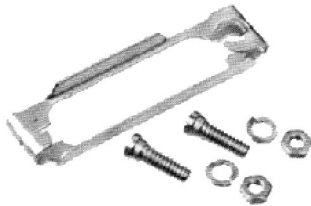
Description	Part Number
4-40 UNC	DAC 61
M3	DAC 74
M2.5	DAC 61 M2.5

latching block assembly



Description	Part Number
Plastic block	DAC 03 P
Die cast block	DAC 04 P
Latch spring	DAC 02 P

slide-lock assembly



Size	Part Number
1	DAC 11 P
2	DAC 12 P
3	DAC13 P
4	DAC 14 P
5	DAC 15 P

screw-lock assembly - male



Size	Part Number
1	DAC 17 P
2	DAC 17 P
3	DAC17 P
4	DAC 17 P

long thumbscrews



Description	Part Number
4-40 UNC	DAC 60 P
M3	DAC 73 P

Note: Other lengths and thread size available

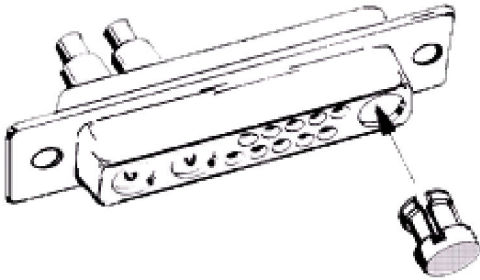
dust covers



Plug	Part Number	Socket	Part Number
9 way	DAC 143 P	9 way	DAC 190 P
15 way	DAC 140 P	15 way	DAC 150 P
25 way	DAC 291 P	25 way	DAC 110 P
37 way	DAC 174 P	37 way	DAC 175 P
50 way	DAC 331 P	50 way	DAC 332 P

## Mixed Layout D Connector Accessories

### Sealing Plugs



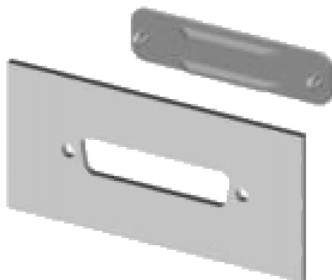
Colour	Part No.
Red	DAC 287
Black	DAC 240

### EMC Shielded Plastic Caps



Plug	Part Number	Socket	Part Number
9 way	DAC 143 NP	9 way	DAC 190 NP
15 way	DAC 140 NP	15 way	DAC 150 NP
25 way	DAC 291 NP	25 way	DAC 110 NP
37 way	DAC 174 NP	37 way	DAC 175 NP
50 way	DAC 331 NP	50 way	DAC 332 NP

### 'D' Cut Out Cover Plates

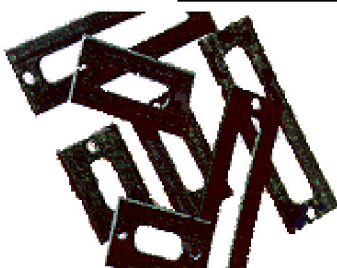


Description	Part Number
9 way	DAC 333
15 way	DAC 334
25 way	DAC 335
37 way	DAC 336
50 way	DAC 337

### RF Gaskets

#### Specification:

Available for shell sizes: 1,2,3,4,5  
 Shielding effectiveness: (30 MHz - 1GHz),  
 MIL 285 > 60dB  
 Operating Temperature: -40°C to 85°C  
 Surface resistivity: 0.02 ohm/mm  
 Abrasion resistance (wear cycle): 10<sup>5</sup>



#### Features:

- Available for all standard shell sizes
- Suitable for use with normal D-Sub connectors (standard and high density)
- Facilitates EMI/EMC design
- Air and watertight, preventing corrosion at the contact points
- Silver metallised nylon fabric and abrasion proof conductive coating
- Large number of defined contact support points per surface for use in the highest frequency areas
- Very resistant to ageing
- UL94 V-O and UL94 HB listed
- Rear mounting i.e. inside the shell