

## D-Subminiature (D-Sub) Accessories

### WIDE RANGE OF ACCESSORIES FOR SECURE CONNECTION

Amphenol's D-Subminiature (D-Sub) connectors are part of industry standard and are one of the most popular Input/Output interconnects, addressing a wide variety of applications including telecommunications, industrial and medical.

- Prevents accidental mismating
- Hoods available in 9 to 50 positions for different connector pin configurations
- Metal hoods available in straight and angled terminations for EMI/RFI shielding
- Dust caps available in metal and plastic versions
- Locking screws comes with UNC 4-40 and M3 thread options



#### TARGET MARKETS



#### FEATURES

- Hoods available in plastic, metalized and metallic form with locking screws
- Hoods available in 9 to 50 positions
- Metal hoods available in straight and angled terminations
- Hoods available with cable clamps and jackscrews
- Hoods available in different orientations and locking options
- Range includes different locking devices like screw locks and lever locks
- Screws available in both UNC 4-40 and M3 thread options
- Metal and plastic dust caps

#### BENEFITS

- Supports cable connection and prevents risks of pulling up and accidental mismating
- Suitable for different connector pin configurations including high density series
- Suitable for EMI/RFI shielding
- Assures secure connection with required strain relief
- Supports various customization need
- Ensures secure and reliable connection
- Ensures connector intermateability
- Safeguards connector from dust and dirt when kept in unmated condition

## TECHNICAL INFORMATION

### TARGET MARKETS/APPLICATIONS



Asymmetric Digital Subscriber Line (ADSL)  
Base Station  
Switching  
Transmission



Set-top Box



Desktop and Laptop  
Storage System  
Router and Server



Automotive Diagnostics  
Control Drives  
Energy Meter  
Gaming Machine  
Test Equipment  
Office Automation  
POS & Handheld terminal  
Power Supplies  
Parking Meter  
Printer and Copier  
Renewable Energy  
Robotics  
Surveillance Camera  
Avionics



Medical Instrument



Military Equipment

▶ **D-Subminiature (D-Sub) Accessories**

**PLASTIC HOODS**

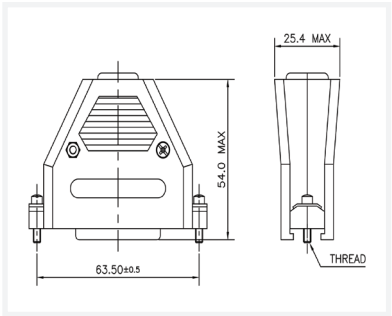
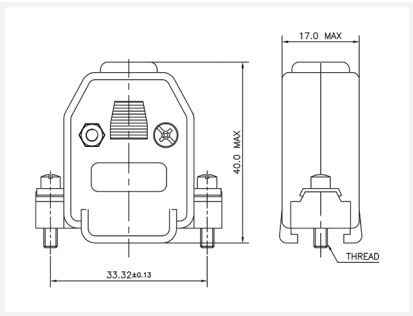
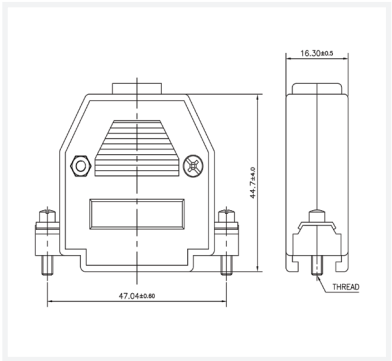
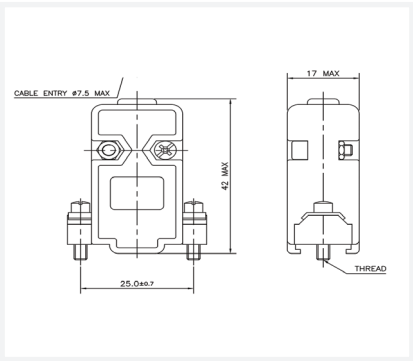
**1 • STRAIGHT EXIT PLASTIC HOOD WITH INTEGRATED LOCKING –  
ECONOMICAL SERIES**



- Material: Self-extinguishing UL 94 HB Thermoplastic
- Color: Grey
- Temperature Range: -55°C +105°C
- Locking Screws: UNC 4-40 thread

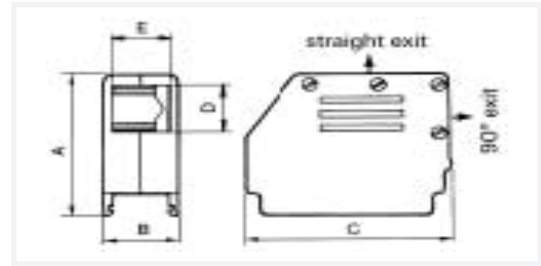
**STRAIGHT EXIT HOOD-PLASTIC**

| Description           | Part Numbers  |
|-----------------------|---------------|
| Screw Thread UNC 4-40 | 8630CH09UNCLF |
|                       | 8630CH15UNCLF |
|                       | 8630CH25UNCLF |
|                       | 8630CH37UNCLF |
| Screw Thread M3       | 8630CH09M3LF  |
|                       | 8630CH15M3LF  |
|                       | 8630CH25M3LF  |
|                       | 8630CH37M3LF  |



## ► D-Subminiature (D-Sub) Accessories

### 2• UNIVERSAL PLASTIC HOOD WITH METAL CLAMP FOR STRAIN RELIEF – ECONOMICAL SERIES

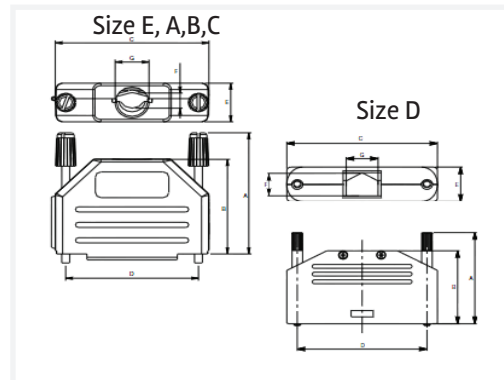


| Shell Size | Part Numbers<br>(Black Hood) | Part Numbers<br>(Metalized Hood) | A     | B     | C     | With Clamp |      |       | Without Clamp |       |
|------------|------------------------------|----------------------------------|-------|-------|-------|------------|------|-------|---------------|-------|
|            |                              |                                  |       |       |       | D          | E    |       | D             | E     |
|            |                              |                                  |       |       |       |            | min. | max.  |               |       |
| E          | 863093C09ALF                 | 863093C09MLF                     | 29.75 | 15.50 | 24.25 | 6          | 1.90 | 0.10  | 8             | 11.50 |
| A          | 863093C15ALF                 | 863093C15MLF                     | 29.75 | 15.50 | 32.50 | 6          | 1.90 | 0.10  | 8             | 11.50 |
| B          | 863093C25ALF                 | 863093C25MLF                     | 46.50 | 15.50 | 46.00 | 13.50      | 2.60 | 0.10  | 16            | 11.50 |
| C          | 863093C37ALF                 | 863093C37MLF                     | 46.50 | 15.50 | 60.50 | 13.50      | 2.60 | 0.10  | 16            | 11.50 |
| D          | 863093C50ALF                 | 863093C50MLF                     | 46.50 | 18.00 | 56.50 | 15.50      | 4.40 | 12.60 | 18            | 14.00 |

- Material (black hood): Self-extinguishing UL94V-0 thermoplastic
- Material (metalized): Thermoplastic
- Temperature Range: -55°C +125°C
- Packaging: Individual sets

All dimensions in mm.

### 3• STRAIGHT EXIT “SNAP TOGETHER” PLASTIC HOOD



| Shell Size | Part Numbers | A    | B    | C    | D     | E  | With Clamp |      | Without Clamp |    |     |
|------------|--------------|------|------|------|-------|----|------------|------|---------------|----|-----|
|            |              |      |      |      |       |    | F          |      | G             | F  | G   |
|            |              |      |      |      |       |    | min.       | max. |               |    |     |
| E (9)      | 86303637BLF  | 31.0 | 36.2 | 32.4 | 24.99 | 15 | 1          | 5.5  | 8.5           | 7  | 8.5 |
| A (15)     | 86303638BLF  | 39.5 | 40.2 | 40.7 | 33.32 | 15 | 4          | 7    | 12            | 11 | 12  |
| B (25)     | 86303639BLF  | 53.2 | 40.2 | 54.4 | 47.04 | 15 | 4          | 7    | 12            | 11 | 12  |
| C (37)     | 86303640BLF  | 69.7 | 40.2 | 70.9 | 63.5  | 15 | 4          | 7    | 12            | 11 | 12  |
| D (50)     | 86303641CLF  | 67.2 | 43.7 | 71.2 | 61.11 | 15 | 4          | 11.5 | 15.5          | 14 | 18  |

► **D-Subminiature (D-Sub) Accessories**

- Material: Nylon UL 94 V-2
- Material (size D): Thermoplastic (UL94V-2)
- Color: Black
- Temperature Range: -40°C +95°C
- Packaging: Individual sets
- Locking Screws: UNC 4-40 thread

**4• ANGLE EXIT PLASTIC HOOD**

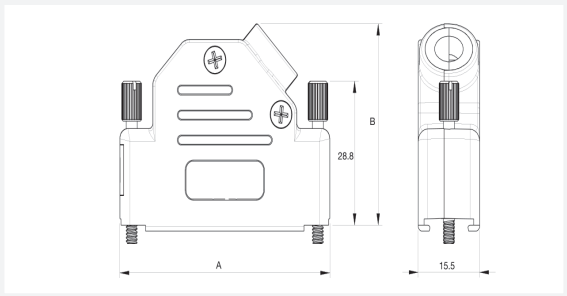


| Shell Size | Part Numbers   | A    | B    | Cable Diameter |
|------------|----------------|------|------|----------------|
| E (9)      | 8655PHRA0901LF | 31.0 | 36.2 | 4 to 13mm      |
| A (15)     | 8655PHRA1501LF | 39.5 | 40.2 |                |
| B (25)     | 8655PHRA2501LF | 53.0 | 40.2 |                |
| C (37)     | 8655PHRA3701LF | 69.5 | 40.2 |                |

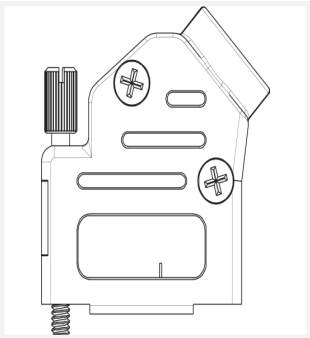
All dimensions in mm.

- Cable Strain Relief: Steel fibre reinforced polycarbonate UL94V-0
- Color: Black
- Temperature Range: -40°C +120°C
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4-40 thread

Size E, A,B,C



Size E



► **D-Subminiature (D-Sub) Accessories**

**5• STRAIGHT EXIT PLASTIC HOOD WITH LONG JACK SCREW**

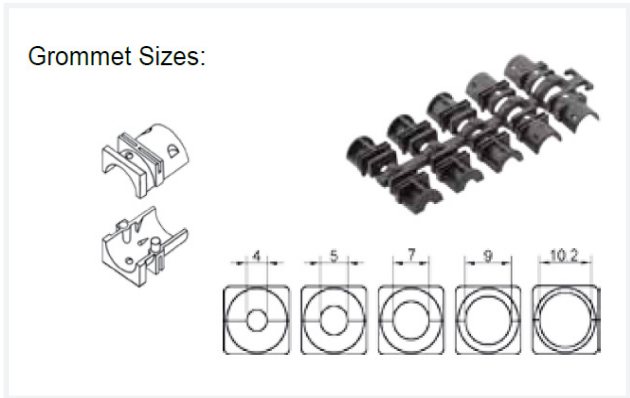
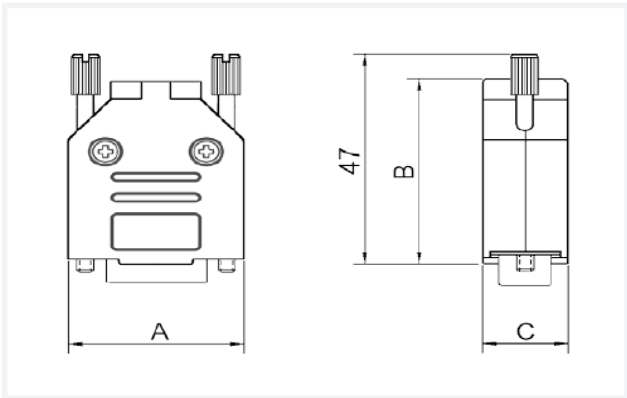
**TECHNICAL INFORMATION**

- Material: UL 94 V-0 plastic
- Operating Temperature Range: -55°C to +110°C
- Cable Entry: Top
- Jack Screws: UNC 4-40 (Standard) M2.5 or M3 on request
- Cable O.D: 9-37-way: Up to 11.7mm
- Colour: Black



**FEATURES**

- Available in sizes 9-15-25-37
- Suitable for any common Sub-D connector
- Strain relief inserts ensure a secure termination
- Re-openable



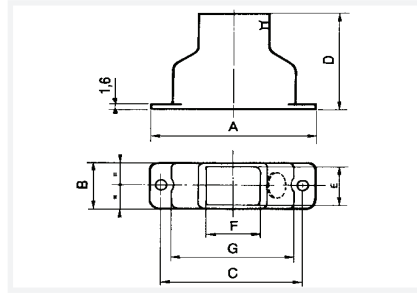
| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.2  | 39.9  | 15.0  |
| 15-way | 39.5  | 41.5  | 15.0  |
| 25-way | 53.4  | 48.6  | 15.0  |
| 37-way | 69.7  | 53.6  | 15.0  |

**ORDERING INFORMATION**

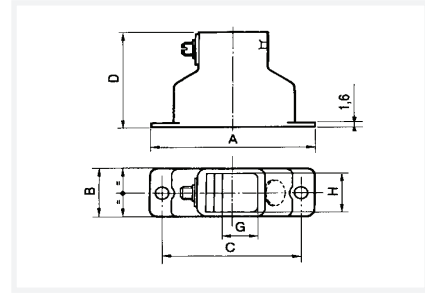
| Description     | Size   | Part Numbers    |
|-----------------|--------|-----------------|
| PLASTIC HOOD 09 | 9-way  | 8655APET1A11KLF |
| PLASTIC HOOD 15 | 15-way | 8655APAT1A11KLF |
| PLASTIC HOOD 25 | 25-way | 8655APBT1A11KLF |
| PLASTIC HOOD 37 | 37-way | 8655APCT1A11KLF |

## ► D-Subminiature (D-Sub) Accessories

### 6• STRAIGHT EXIT MONOBLOCK PLASTIC HOOD FOR POTTING



with cable tie



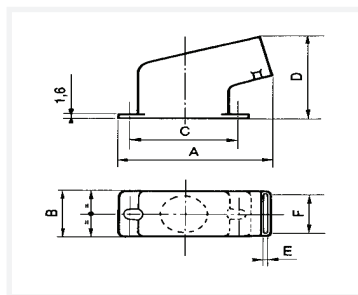
with screw and plate strain relief

| Shell Size | Part Numbers        |                           | A     | B     | C     | D     | E     | F     | G    |       | H     |
|------------|---------------------|---------------------------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|            | Hood with cable tie | Hood with screw and plate |       |       |       |       |       |       | Min. | Max.  |       |
| E          | 863086BLF           | 86303920ALF               | 30.60 | 12.50 | 25.00 | 29.00 | 9.90  | 9.90  | 2.70 | 7.10  | 10.50 |
| A          | 863021BLF           | 86303921ALF               | 38.90 | 12.50 | 33.32 | 29.00 | 9.90  | 11.90 | 4.50 | 9.10  | 10.50 |
| B          | 863022BLF           | 86303922ALF               | 52.80 | 12.50 | 47.05 | 35.00 | 9.90  | 16.40 | 9.20 | 13.60 | 10.50 |
| C          | 863023BLF           | 86303923ALF               | 69.10 | 12.50 | 63.50 | 41.00 | 9.90  | 23.40 | 9.20 | 20.60 | 10.50 |
| D          | 863024BLF           | 86303924ALF               | 66.70 | 15.30 | 61.10 | 41.00 | 12.70 | 23.40 | 9.20 | 20.60 | 13.30 |

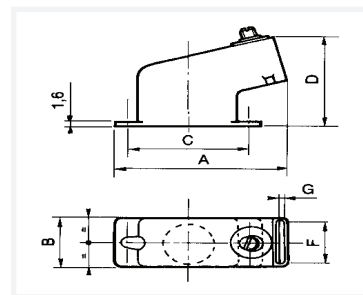
## TECHNICAL INFORMATION

- Material: Self-extinguishing
- UL rated 94V-0 thermoplastic
- Operating Temperature Range: -55°C to +110°C
- Colour: Black

### 7• ANGLE EXIT MONOBLOCK PLASTIC HOOD FOR POTTING



with cable tie



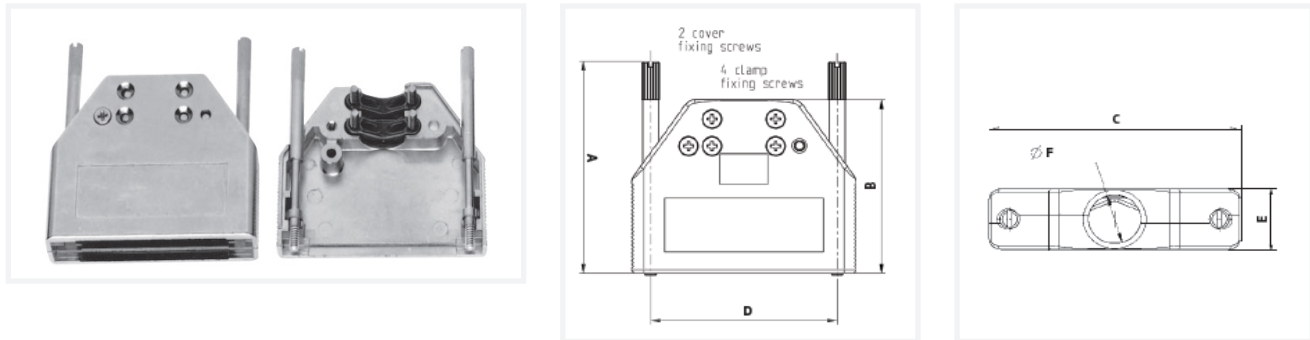
with screw and plate strain relief

| Shell Size | Part Numbers        |                           | A     | B     | C     | D     | E     | F     | G    |       |
|------------|---------------------|---------------------------|-------|-------|-------|-------|-------|-------|------|-------|
|            | Hood with cable tie | Hood with screw and plate |       |       |       |       |       |       | Min. | Max.  |
| E          | 86305002BLF         | 86303925ALF               | 30.60 | 12.50 | 25.00 | 26.20 | 10.50 | 10.50 | 2.70 | 7.10  |
| A          | 863026BLF           | 86303926ALF               | 38.90 | 12.50 | 33.32 | 28.60 | 12.50 | 10.50 | 4.50 | 9.10  |
| B          | 863027BLF           | 86303927ALF               | 52.80 | 12.50 | 47.05 | 36.40 | 17.00 | 10.50 | 9.20 | 13.60 |
| C          | 863028BLF           | 86303928ALF               | 69.10 | 12.50 | 63.50 | 42.60 | 24.00 | 10.50 | 9.20 | 20.60 |
| D          | 863029BLF           | 86303929ALF               | 66.70 | 15.30 | 61.10 | 41.00 | 24.00 | 13.30 | 9.20 | 20.60 |

## ► D-Subminiature (D-Sub) Accessories

### METAL HOODS

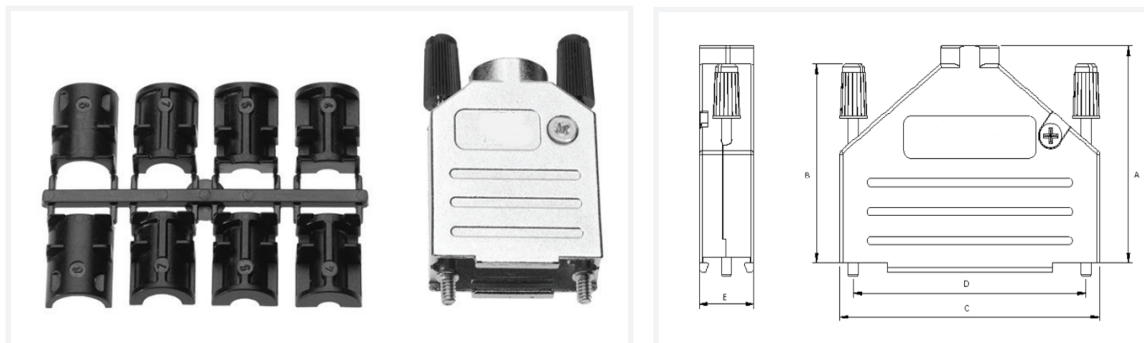
#### 8• STRAIGHT EXIT FULL METAL HOOD WITH TWO METAL CLAMPS



| Shell Size | Part Numbers (in bulk) | Packaging | Part Numbers (in individual set) | Packaging | A± 0.1 | B± 0.5 | C± 0.1 | D± 0.1 | E± 0.2 | F max. |
|------------|------------------------|-----------|----------------------------------|-----------|--------|--------|--------|--------|--------|--------|
| E (9)      | 8655MH0901LF           | 80        | 8655MH0911LF                     | 50        | 55.00  | 45.00  | 34.40  | 24.99  | 14.70  | 7.85   |
| A (15)     | 8655MH1501LF           | 80        | 8655MH1511LF                     | 50        | 55.00  | 45.00  | 42.70  | 33.32  | 14.70  | 11.80  |
| B (25)     | 8655MH2501LF           | 60        | 8655MH2511LF                     | 50        | 55.00  | 45.00  | 56.70  | 47.04  | 14.70  | 11.80  |
| C (37)     | 8655MH3701LF           | 40        | 8655MH3711LF                     | 50        | 55.00  | 45.00  | 72.95  | 63.50  | 14.70  | 11.80  |
| D (50)     | 8655MH5001LF           | 40        | 8655MH5011LF                     | 50        | 55.00  | 45.00  | 70.60  | 61.11  | 14.70  | 14.10  |

- Material: Zamack
- Plating: Nickel
- Environment: Frequencies at 100Mz > 40dB
- Corrosion Resistance: 50 Hours exposure to salt spray

#### 9• STRAIGHT EXIT METAL HOOD WITH PLASTIC SCREW HEAD



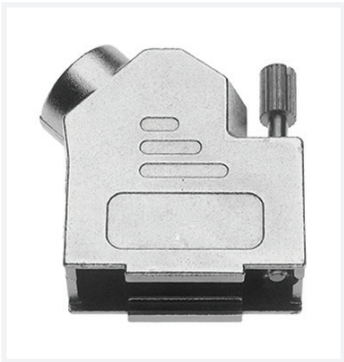
| Shell Size | Part Numbers (in bulk) | A    | B    | C    | D     | E    |
|------------|------------------------|------|------|------|-------|------|
| E          | 8655MH0901BLF          | 38.3 | 47.3 | 31   | 24.99 | 14.6 |
| A          | 8655MH1501BLF          | 40.5 | 47.3 | 39.5 | 33.32 | 14.6 |
| B          | 8655MH2501BLF          | 47.3 | 47.3 | 53.2 | 47.04 | 14.6 |
| C          | 8655MH3701BLF          | 52.2 | 47.3 | 70.9 | 63.5  | 15   |

- Material: Zamack, nickel plated
- Cable Strain Relief: Steel fiber reinforced polycarbonate
- UL94V-0 for EMI/RFI screening
- Temperature Range: -40°C +120°C
- Environment: >40dB between 30MHz and 1GHz
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4-40 thread

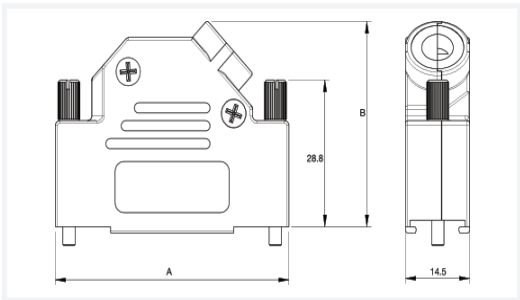


► **D-Subminiature (D-Sub) Accessories**

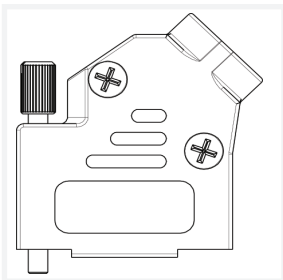
**10• ANGLE EXIT METAL HOOD FOR CABLE EMI/RFI**



Size A,B,C



Size E



| Shell Size | Part Numbers   | A    | B    | Cable Diameter |
|------------|----------------|------|------|----------------|
| E (9)      | 8655MHRA0901LF | 31.0 | 36.2 | 4 to 13 mm     |
| A (15)     | 8655MHRA1501LF | 39.5 | 40.2 |                |
| B (25)     | 8655MHRA2501LF | 53.2 | 40.2 |                |
| C (37)     | 8655MHRA3701LF | 69.7 | 40.2 |                |
| D (50)     | 8655MHRA5001LF | 67.2 | 43.7 | 10 to 16 mm    |

- Material: Zamack, nickel plated
- Cable Strain Relief: Steel fiber reinforced polycarbonate
- UL94V-0 for EMI/RFI screening
- Temperature Range: -40°C +120°C

- Environment: >40dB between 30MHz and 1GHz
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4-40 thread

**11• STRAIGHT EXIT FULL METAL HOOD WITH LONG JACK SCREWS**

**TECHNICAL INFORMATION**

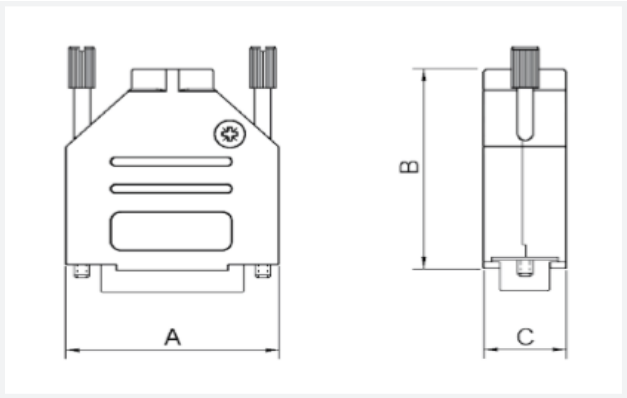
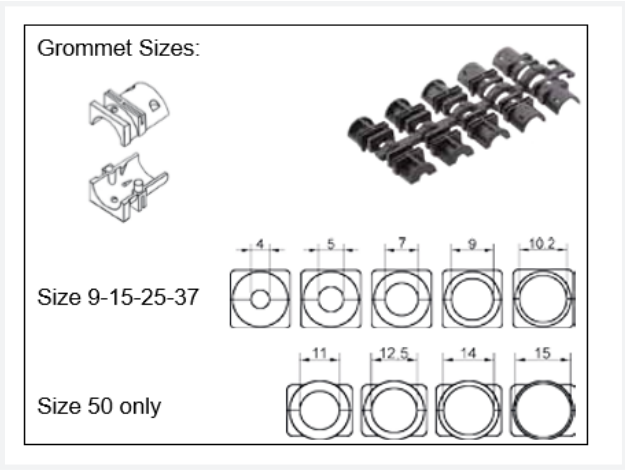
- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: Top Entry
- Jack Screws: UNC 4-40 (Standard) M2.5 or M3 on request
- Cable O.D: Up to 11.5mm (Size 9-37)  
Up to 17mm (Size 50)

**FEATURES**

- Available in sizes 9-15-25-37-50
- Size 50 equipped with extra cable clamp
- Excellent EMI Shielding
- Re-openable
- Strain relief inserts ensure a secure termination



► **D-Subminiature (D-Sub) Accessories**



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.0  | 39.5  | 15.0  |
| 15-way | 39.5  | 41.5  | 15.0  |
| 25-way | 53.5  | 48.5  | 15.0  |
| 37-way | 71.0  | 53.0  | 15.0  |
| 50-way | 67.5  | 54.0  | 18.7  |

**ORDERING INFORMATION**

| Description        | Size   | Part Numbers    |
|--------------------|--------|-----------------|
| DSUB METAL HOOD 09 | 9-way  | 8655AMET1A11KLF |
| DSUB METAL HOOD 15 | 15-way | 8655AMAT1A11KLF |
| DSUB METAL HOOD 25 | 25-way | 8655AMBT1A11KLF |
| DSUB METAL HOOD 37 | 37-way | 8655AMCT1A11KLF |
| DSUB METAL HOOD 50 | 50-way | 8655AMDT1A11KLF |

**12• STRAIGHT EXIT FULL METAL HOOD – BLACK COLOUR**

**TECHNICAL INFORMATION**

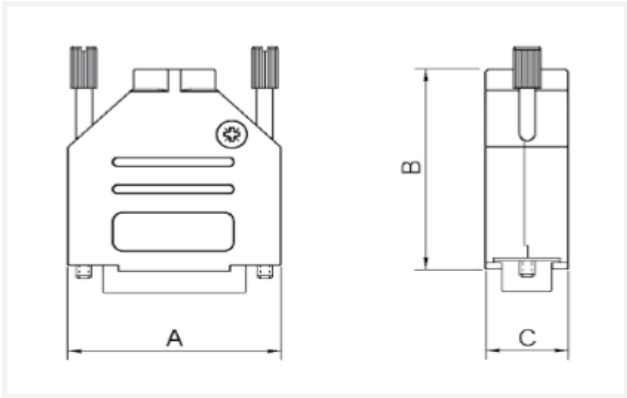
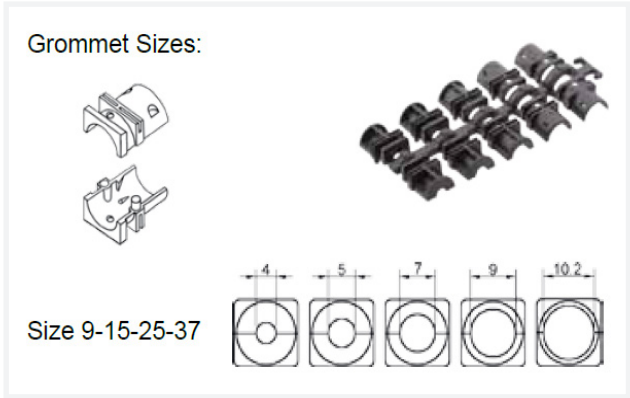
- Material: Zinc, Black Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: Top Entry
- Jack Screws: UNC 4-40 (Standard) M2.5 or M3 on request
- Cable O.D: Up to 11.5mm

**FEATURES**

- Available in sizes 9-15-25-37
- Excellent EMI Shielding
- Re-openable
- Strain relief inserts ensure a secure termination



## ► D-Subminiature (D-Sub) Accessories



## ORDERING INFORMATION

| Description        | Size   | Part Numbers       |
|--------------------|--------|--------------------|
| DSUB METAL HOOD 09 | 9-way  | 8655AMET1A11K001LF |
| DSUB METAL HOOD 15 | 15-way | 8655AMAT1A11K001LF |
| DSUB METAL HOOD 25 | 25-way | 8655AMBT1A11K001LF |
| DSUB METAL HOOD 37 | 37-way | 8655AMCT1A11K001LF |

| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.0  | 39.5  | 15.0  |
| 15-way | 39.5  | 41.5  | 15.0  |
| 25-way | 53.5  | 48.5  | 15.0  |
| 37-way | 71.0  | 53.0  | 15.0  |

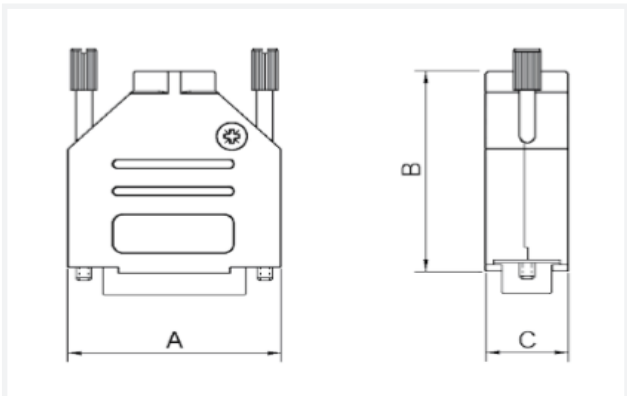
## 13• STRAIGHT EXIT FULL METAL HOOD WITH DOUBLE CLAMP STRAIN RELIEF

### TECHNICAL INFORMATION

- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: Top entry
- Jack Screws: 55mm, UNC 4-40  
M2.5 or M3 on request
- Cable O.D: 9-way: Up to 8.0mm  
15-way: Up to 11.6mm  
25-way: Up to 11.6mm  
37-way: Up to 11.6mm  
50-way: Up to 14.0mm

### FEATURES

- Available in sizes 9-15-25-37-50
- Excellent EMI Shielding
- Re-openable
- Double strain relief for strong and secure cable clamping



► **D-Subminiature (D-Sub) Accessories**



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 34.0  | 45.0  | 14.6  |
| 15-way | 43.0  | 45.0  | 14.6  |
| 25-way | 53.5  | 45.0  | 14.6  |
| 37-way | 71.0  | 45.0  | 14.6  |
| 50-way | 71.0  | 45.0  | 17.4  |

**ORDERING INFORMATION**

| Description        | Size   | Part Numbers    |
|--------------------|--------|-----------------|
| DSUB METAL HOOD 09 | 9-way  | 8655BMET1A10KLF |
| DSUB METAL HOOD 15 | 15-way | 8655BMAT1A10KLF |
| DSUB METAL HOOD 25 | 25-way | 8655BMBT1A10KLF |
| DSUB METAL HOOD 37 | 37-way | 8655BMCT1A10KLF |
| DSUB METAL HOOD 50 | 50-way | 8655BMDT1A10KLF |

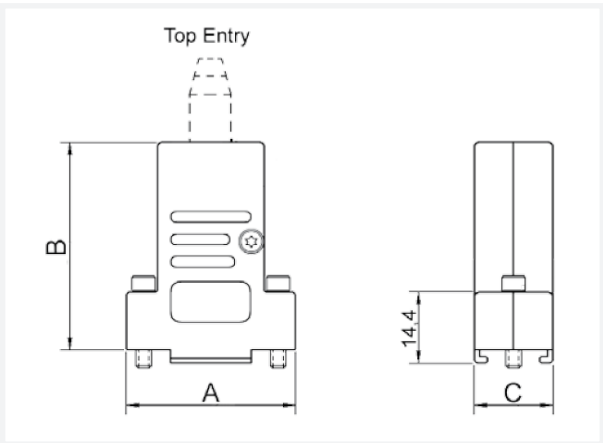
**14• STRAIGHT EXIT FULL METAL HOOD WITH RUBBER GROMMET, SHORT SCREWS**

**TECHNICAL INFORMATION**

- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: Top Entry  
Rubber Grommet RGS
- Strain relief: Clamp + Insert
- Thumbscrews: UNC 4-40 (Standard)  
M2.5 or M3 on request
- Cable O.D: Up to 11.5mm (Standard)

**FEATURES**

- 360° EMI Shielding
- Quick assembly
- Pre-mounted locking screws
- Supports all types of cables



## ► D-Subminiature (D-Sub) Accessories



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 32.2  | 42.0  | 14.5  |
| 15-way | 40.8  | 42.3  | 14.9  |
| 25-way | 54.0  | 42.3  | 14.9  |
| 37-way | 70.5  | 48.0  | 15.1  |



## ORDERING INFORMATION

| Description   | Size   | Part Numbers    |
|---------------|--------|-----------------|
| METAL HOOD 09 | 9-way  | 8655DMET1B13KLF |
| METAL HOOD 15 | 15-way | 8655DMAT1B13KLF |
| METAL HOOD 25 | 25-way | 8655DMBT1B13KLF |
| METAL HOOD 37 | 37-way | 8655DMCT1B13KLF |

## 15• ANGLE EXIT FULL METAL HOOD WITH RUBBER GROMMET, SHORT SCREWS

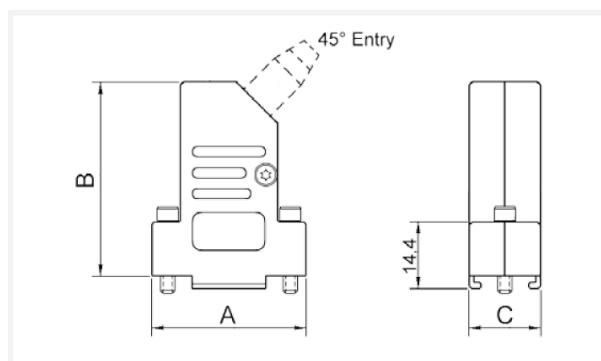
### TECHNICAL INFORMATION

- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: 45° Side Entry  
Rubber Grommet RGS
- Strain relief: Clamp + Insert
- Thumbscrews: UNC 4-40 (Standard)  
M2.5 or M3 on request
- Cable O.D: Up to 11.5mm



### FEATURES

- 360° EMI Shielding
- Quick assembly
- Pre-mounted locking screws
- Supports all types of cables



## ► D-Subminiature (D-Sub) Accessories



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 32.2  | 42.0  | 14.5  |
| 15-way | 40.8  | 42.3  | 14.9  |
| 25-way | 54.0  | 42.3  | 14.9  |
| 37-way | 70.5  | 48.0  | 15.1  |



## ORDERING INFORMATION

| Description   | Size   | Part Numbers    |
|---------------|--------|-----------------|
| METAL HOOD 09 | 9-way  | 8655DMES2B13KLF |
| METAL HOOD 15 | 15-way | 8655DMAS2B13KLF |
| METAL HOOD 25 | 25-way | 8655DMBS2B13KLF |
| METAL HOOD 37 | 37-way | 8655DMCS2B13KLF |

## 16• RIGHT ANGLE EXIT FULL METAL HOOD

### TECHNICAL INFORMATION

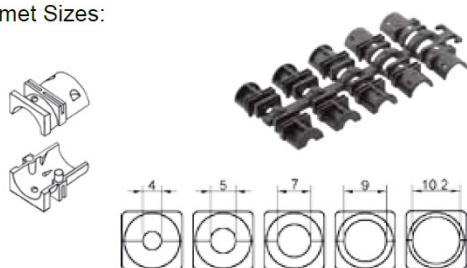
- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: 90° Side Entry
- Jackscrews: UNC 4-40, M3 on request
- Cable O.D: Up to 11.7mm
- Type of grommets: 2 piece Plastic Ferrule Kit

### FEATURES

- Available in sizes 9-15-25-37-way
- Suitable for any common Sub-D connector
- Re-Openable

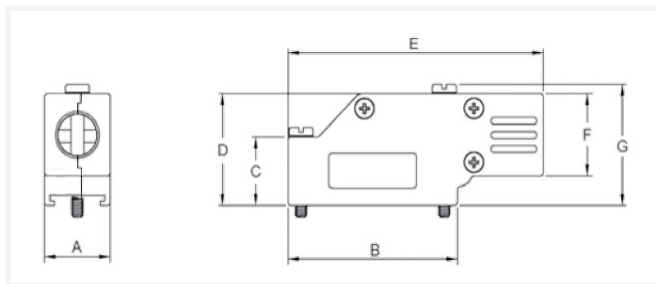


Grommet Sizes:



## ► D-Subminiature (D-Sub) Accessories

| Size | A    | B    | C    | D    | E    | F    | G    |
|------|------|------|------|------|------|------|------|
| 9    | 15.0 | 31.0 | 15.0 | 24.0 | 51.0 | 18.0 | 26.5 |
| 15   | 15.3 | 39.2 | 15.0 | 24.0 | 59.0 | 18.0 | 26.5 |
| 25   | 16.0 | 54.0 | 23.0 | 34.5 | 73.0 | 24.5 | 37.0 |
| 37   | 16.0 | 70.5 | 23.0 | 34.5 | 89.5 | 24.5 | 37.0 |



## ORDERING INFORMATION

| Description        | Size   | Part Numbers    |
|--------------------|--------|-----------------|
| DSUB METAL HOOD 09 | 9-way  | 8655GMES3C11KLF |
| DSUB METAL HOOD 15 | 15-way | 8655GMAS3C11KLF |
| DSUB METAL HOOD 25 | 25-way | 8655GMBS3C11KLF |
| DSUB METAL HOOD 37 | 37-way | 8655GMCS3C11KLF |

## 17• TWO SIDE EXIT FULL METAL HOOD

### TECHNICAL INFORMATION

- Material: Zinc, Nickel Plated
- Operating Temperature Range: -40°C to +120°C
- Cable Entry: Side + Side Entry
- Thumbscrews: UNC 4-40 (Standard)  
M2.5 or M3 on request
- Cable O.D: Up to 11.5mm

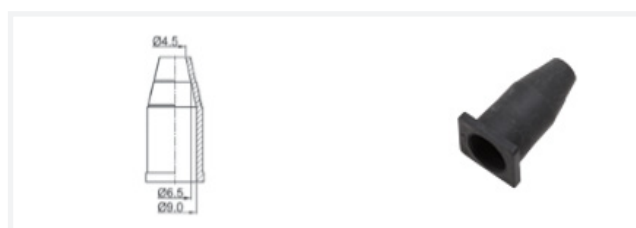
### FEATURES

- Available in size 9
- Excellent EMI Shielding
- Re-openable

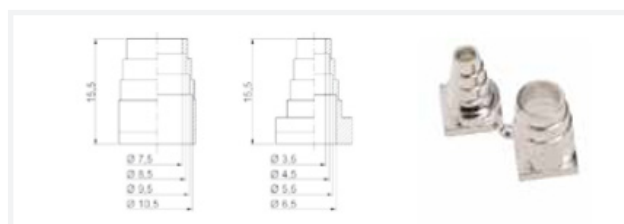


## ACCESSORIES

### Universal Rubber Grommet



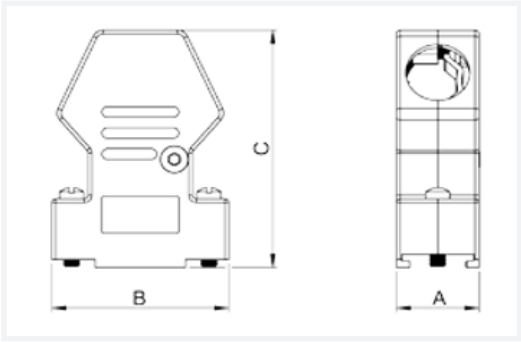
### Metalized Plastic Grommet Kit





➤ **D-Subminiature (D-Sub) Accessories**

| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 15    | 32.2  | 45    |
| 15-way | 15    | 40.8  | 45    |
| 25-way | 15    | 54.0  | 45    |



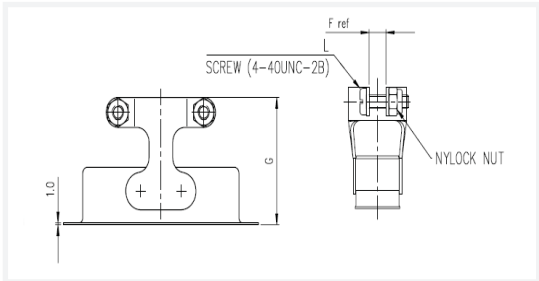
**ORDERING INFORMATION**

| Description        | Size   | Part Numbers    |
|--------------------|--------|-----------------|
| DSUB METAL HOOD 09 | 9-way  | 8655HMED1A10KLF |
| DSUB METAL HOOD 15 | 15-way | 8655HMAD1A10KLF |
| DSUB METAL HOOD 25 | 25-way | 8655HMBD1A10KLF |

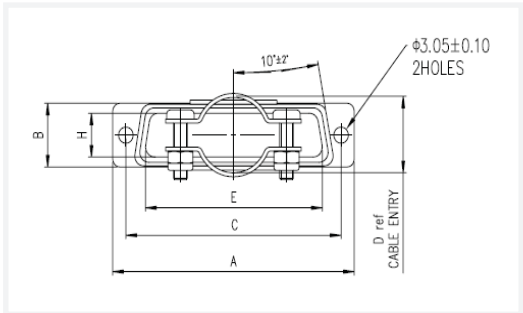
**18• METAL HOOD WITH CIRCULAR CLAMP AND STRAIGHT EXIT**

**TECHNICAL INFORMATION**

- Material: Steel
- Plating: Yellow chromate cadmium
- Corrosion Resistance
- 50 hours exposure to salt spray



| Shell Size | Part Numbers | A ± 0.38 | B ± 0.38 | C ± 0.13 | D ref | E ± 0.38 | F ref | G ± 0.76 | H ± 0.38 | L ± 0.80 |
|------------|--------------|----------|----------|----------|-------|----------|-------|----------|----------|----------|
| E          | 863010A      | 30.68    | 12.70    | 25.00    | 10.31 | 16.79    | 3.18  | 26.19    | 8.74     | 9.53     |
| A          | 863011A      | 38.89    | 12.70    | 33.30    | 10.31 | 25.00    | 3.18  | 26.19    | 8.74     | 9.53     |
| B          | 863012A      | 52.78    | 12.70    | 47.04    | 15.06 | 38.48    | 4.75  | 27.08    | 8.74     | 9.53     |
| C          | 863013A      | 69.04    | 12.70    | 63.50    | 18.25 | 55.14    | 6.35  | 27.08    | 8.74     | 12.70    |
| D          | 863014A      | 66.68    | 15.47    | 61.12    | 20.62 | 53.16    | 7.93  | 27.08    | 11.13    | 15.88    |





► **D-Subminiature (D-Sub) Accessories**

**METALIZED HOODS**

**19• STRAIGHT EXIT METALIZED HOOD WITH SHORT SCREWS**

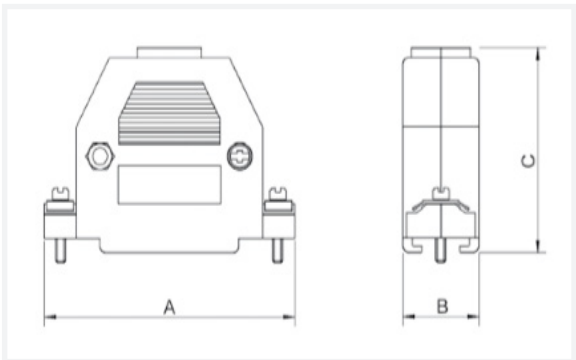
**TECHNICAL INFORMATION**

- Material: UL recognised Plastic Material
- Plating: Nickel over Copper
- Operating Temperature: -40°C to +120°C
- Cable Entry: Top
- Thumbscrews: UNC 4-40 (Short)
- Cable O.D: 9-way Up to 7.0mm
  - 15-way Up to 10.0mm
  - 25-way Up to 11.0mm
  - 37-way Up to 13.8mm
  - 50-way Up to 14.0mm



**FEATURES**

- Available in sizes 9-15-25-37-50
- Re-openable
- Short Jackscrews



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.0  | 16.0  | 40.4  |
| 15-way | 39.7  | 17.5  | 36.7  |
| 25-way | 54.6  | 16.8  | 44.5  |
| 37-way | 69.0  | 23.9  | 53.0  |
| 50-way | 69.5  | 19.8  | 44.7  |

**ORDERING INFORMATION**

| Description       | Size   | Part Numbers    |
|-------------------|--------|-----------------|
| METALIZED HOOD 09 | 9-way  | 8655BZET1B10KLF |
| METALIZED HOOD 15 | 15-way | 8655BZAT1B10KLF |
| METALIZED HOOD 25 | 25-way | 8655BZBT1B10KLF |
| METALIZED HOOD 37 | 37-way | 8655BZCT1B10KLF |
| METALIZED HOOD 50 | 50-way | 8655BZDT1B10KLF |

► **D-Subminiature (D-Sub) Accessories**

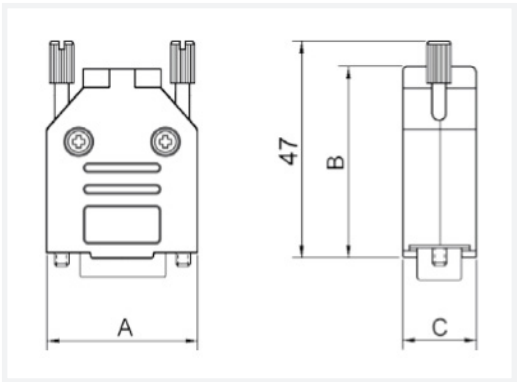
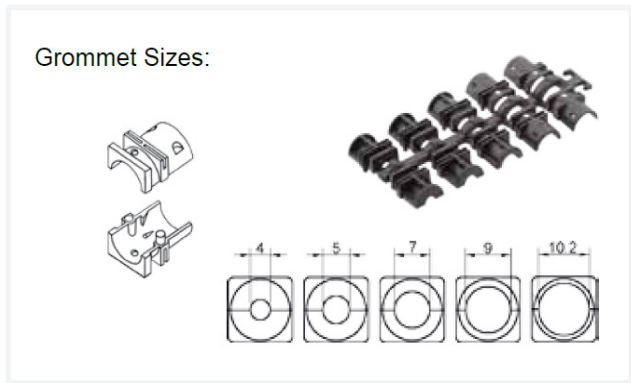
**20• STRAIGHT EXIT METALIZED HOOD WITH LONG JACK SCREWS**

**TECHNICAL INFORMATION**

- Material: UL 94 V-0 Plastic Material
- Plating: Nickel over Copper
- Operating Temperature: -55°C to +110°C
- Cable Entry: Top
- Jack Screws: UNC 4-40 (Standard)  
M2.5 or M3 on request
- Cable O.D: Up to 11.7mm

**FEATURES**

- Available in sizes 9-15-25-37
- Strain relief inserts ensure a secure termination
- Re-openable



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.2  | 39.9  | 15.0  |
| 15-way | 39.5  | 41.5  | 15.0  |
| 25-way | 53.4  | 48.6  | 15.0  |
| 37-way | 69.7  | 53.6  | 15.0  |

**ORDERING INFORMATION**

| Description       | Size   | Part Numbers    |
|-------------------|--------|-----------------|
| METALIZED HOOD 09 | 9-way  | 8655AZET1A11KLF |
| METALIZED HOOD 15 | 15-way | 8655AZAT1A11KLF |
| METALIZED HOOD 25 | 25-way | 8655AZBT1A11KLF |
| METALIZED HOOD 37 | 37-way | 8655AZCT1A11KLF |

► **D-Subminiature (D-Sub) Accessories**

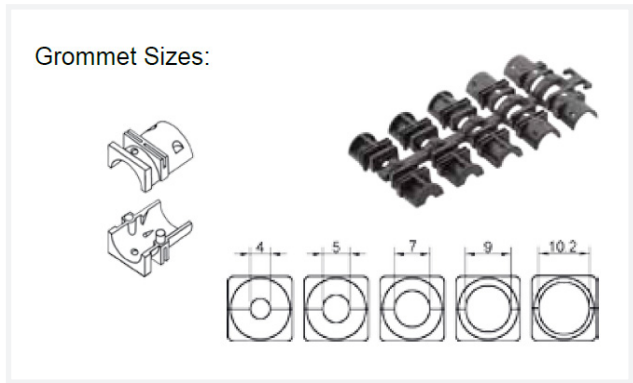
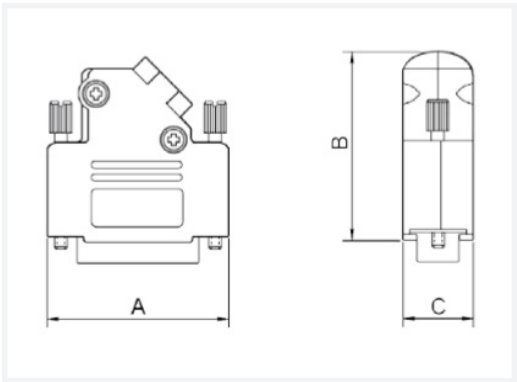
**21• ANGLE EXIT METALIZED HOOD WITH LONG JACK SCREWS**

**TECHNICAL INFORMATION**

- Material: UL 94 V-0 Plastic Material
- Plating: Nickel over Copper
- Operating Temperature: -55°C to +110°C
- Cable Entry: Side 45° entry
- Jack Screws: UNC 4-40 (Standard)  
M2.5 or M3 on request
- Cable O.D: Up to 11.7mm

**FEATURES**

- Available in sizes 9-15-25-37
- Strain relief inserts ensure a secure termination
- Re-openable



| Size   | Dim A | Dim B | Dim C |
|--------|-------|-------|-------|
| 9-way  | 31.0  | 36.3  | 15.0  |
| 15-way | 39.5  | 40.3  | 15.0  |
| 25-way | 53.2  | 40.3  | 15.0  |
| 37-way | 69.7  | 40.3  | 15.0  |

**ORDERING INFORMATION**

| Description       | Size   | Part Numbers    |
|-------------------|--------|-----------------|
| METALIZED HOOD 09 | 9-way  | 8655AZES2A11KLF |
| METALIZED HOOD 15 | 15-way | 8655AZAS2A11KLF |
| METALIZED HOOD 25 | 25-way | 8655AZBS2A11KLF |
| METALIZED HOOD 37 | 37-way | 8655AZCS2A11KLF |

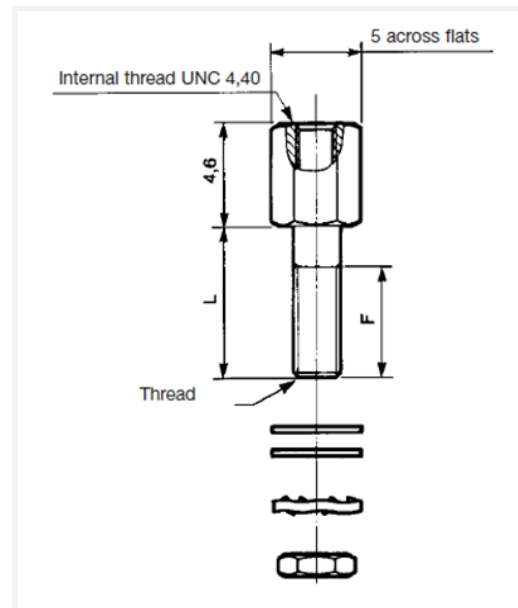
## ► D-Subminiature (D-Sub) Accessories

### LOCKING DEVICES & OTHER ACCESSORIES

#### 22• FEMALE SCREW LOCKS

| Thread   | L.Max | F     | Material | Part Numbers |
|----------|-------|-------|----------|--------------|
| M3       | 8.30  | 6.90  | Brass    | 863001TLF    |
| M3       | 8.30  | 6.90  | Steel    | 86552153TLF  |
| M3       | 6.30  | 5.00  | Brass    | 863001017TLF |
| M3       | 13.00 | 12.00 | Brass    | 863001061TLF |
| UNC 4-40 | 8.30  | 6.90  | Brass    | 863001060TLF |

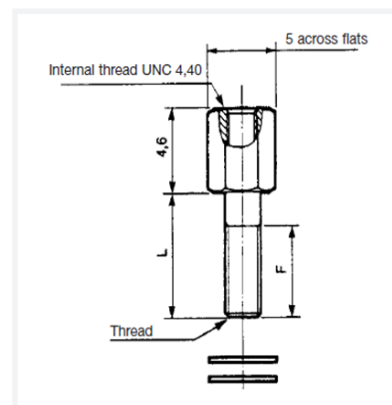
- Plating: Bright tin
- Corrosion Resistance: 24 hours exposure to salt spray



#### 23• SPECIFIC FEMALE SCREW LOCKS FOR DELTA D SERIES

| Thread   | L.Max | F   | Material | Part Numbers |
|----------|-------|-----|----------|--------------|
| M3       | 4.5   | 3.7 | Steel    | 863001018TLF |
| UNC 4-40 | 4.5   | 3.7 | Steel    | 863001019TLF |

| Material | Torque Max. (Nm) |
|----------|------------------|
| Brass    | 0.5              |
| Steel    | 0.7              |



#### 24• MALE SCREW LOCKS

| Shell Size | Connector Type | Part Numbers                                       |                                      |                                     |
|------------|----------------|----------------------------------------------------|--------------------------------------|-------------------------------------|
|            |                | For use with connector without hood or with hood 2 | For use with connector with hoods 18 | For use with connector with hoods 6 |
| E          | Male           | 863005ATLF                                         | 863004ATLF                           | 863009ATLF                          |
|            | Female         |                                                    |                                      |                                     |
| A          | Male           |                                                    |                                      |                                     |
|            | Female         |                                                    |                                      |                                     |
| B          | Male           |                                                    |                                      |                                     |
|            | Female         |                                                    |                                      |                                     |
| C          | Male           | 863008ATLF                                         | 863002ATLF                           | 863025ATLF                          |
|            | Female         | 863005ATLF                                         |                                      |                                     |
| D          | Male           | 863015ATLF                                         |                                      |                                     |
|            | Female         | 863003ATLF                                         |                                      |                                     |

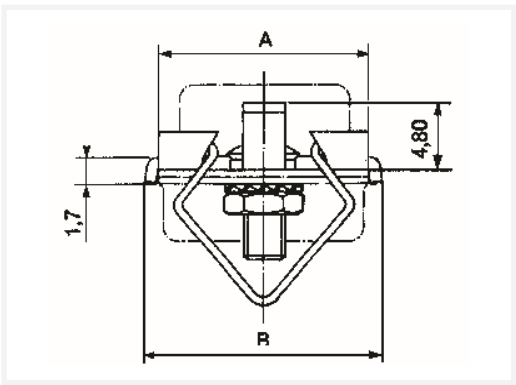
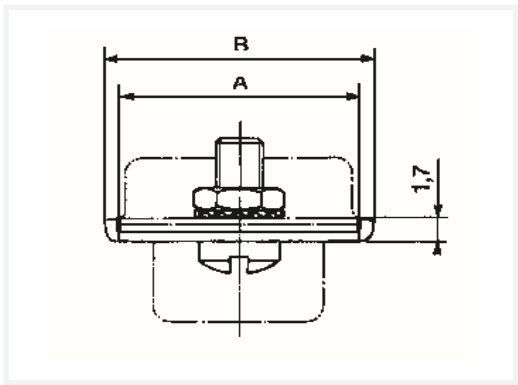
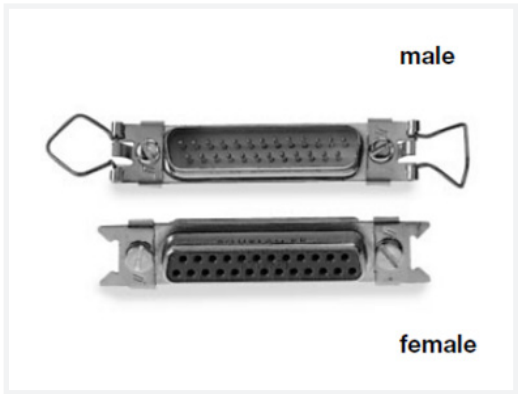
► **D-Subminiature (D-Sub) Accessories**

**TECHNICAL INFORMATION**

- Material: Steel
- Plating: Bright tin
- Corrosion Resistance: 50 hours exposure to salt spray
- To obtain military plating (yellow chromate cadmium) exclude «TLF» in the part number (ex: 863005A)
- Thread: UNC 4-40



**25• LEVER LOCKS**



- Material: Steel
- Plating: Passivated

| Shell Size | Material | Plating    | A     | B     | M3 Thread  |            | UNC 4-40 Thread |            |
|------------|----------|------------|-------|-------|------------|------------|-----------------|------------|
|            |          |            |       |       | Female     | Male       | Female          | Male       |
| E, A, B, C | Steel    | Passivated | 12.50 | 14.30 | 86303425LF | 86552096LF | 86303425060LF   | 86552098LF |

## ► D-Subminiature (D-Sub) Accessories

### 26• METAL DUST CAPS

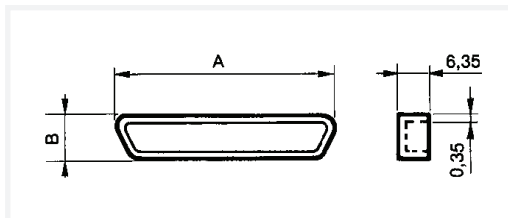
| Shell size | Connector Type Compatibility | Part Numbers | Diameter |
|------------|------------------------------|--------------|----------|
| E          | Male                         | 86553148TLF  | 30       |
|            | Female                       | 86553113TLF  | 30       |
|            |                              | 86553138TLF* | 30       |
| A          | Male                         | 86553149TLF  | 25       |
|            | Female                       | 86553114TLF  | 25       |
|            |                              | 86553139TLF* | 25       |
| B          | Male                         | 86553150TLF  | 20       |
|            | Female                       | 86553115TLF  | 20       |
|            |                              | 86553140TLF* | 20       |
| C          | Male                         | 86553151TLF  | 15       |
|            | Female                       | 86553116TLF  | 15       |
|            |                              | 86553141TLF* | 15       |
| D          | Male                         | 86553152TLF  | 10       |
|            | Female                       | 86553117TLF  | 10       |
|            |                              | 86553142TLF* | 10       |

\* Sealed caps IP 65



- Material: Steel
- Plating: Bright tin

### 27• PLASTIC DUST CAPS



| Shell size | For Male Connector | A     | B     | For Female Connector | A     | B     |
|------------|--------------------|-------|-------|----------------------|-------|-------|
| E          | 70518BLF           | 19.17 | 10.30 | 70523BLF             | 17.77 | 9.0   |
| A          | 70519BLF           | 27.50 | 10.30 | 70524BLF             | 26.10 | 9.0   |
| B          | 70520BLF           | 41.67 | 10.70 | 70525BLF             | 39.82 | 9.0   |
| C          | 70521BLF           | 58.13 | 10.70 | 70526BLF             | 56.28 | 9.0   |
| D          | 70522BLF           | 55.49 | 13.40 | 70527BLF             | 53.89 | 11.85 |

- Material: Thermoplastic
- Color: Black
- For Red colour, to change the "B" to "C" in P/N logic, Eg: 70518CLF

## ► D-Subminiature (D-Sub) Accessories

### 28• ATTACHING CORD FOR METAL CAPS

86553156LF (Length = 100 mm) Packaging: Individual



INODSUBACCT120EA4