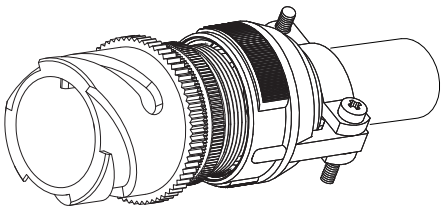
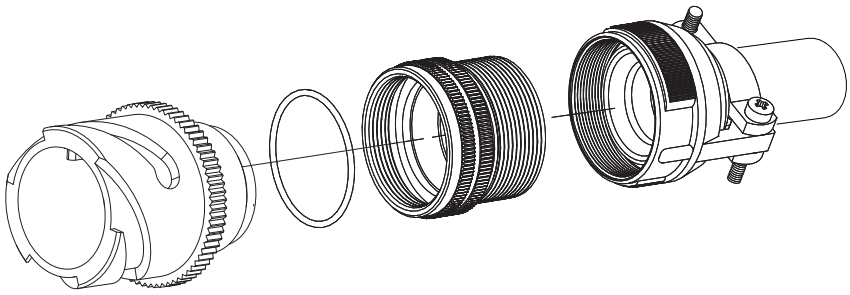
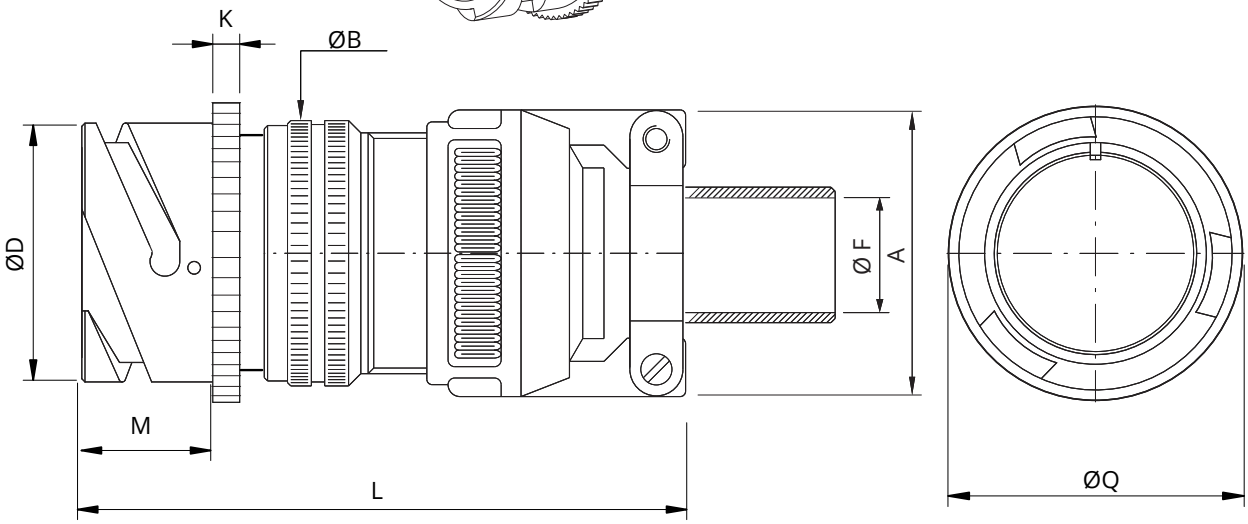
| PAGE **1/4** | ISSUE **12-04-22A** | SERIES **CVB** | PART NUMBER **CVB 01ACB 16S-1P F4** |
|---|---|---|---|







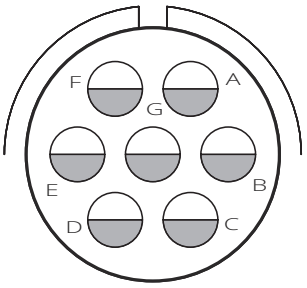

| Shell size | ØD +0 -0.15 | ØQ Max | ØB ±0.2 | L | K ±0.2 | M ±0.2 | A max | ØF max cable size |
|---|---|---|---|---|---|---|---|---|
| 10SL | 18.2 | 22 | 20 | 65 | 2.8 | 14.2 | 23 | 5.6 |
| 14S | 24.6 | 29 | 24 | 66.5 | 3.2 | 14.5 | 26 | 7.9 |
| **16S** | **27.4** | **31** | **27** | **67.5** | **3.2** | **14.2** | **28.5** | **11.1** |
| 16 | 27.4 | 31 | 27 | 75 | 3.2 | 19 | 28.5 | 11.1 |
| 18 | 30.8 | 34 | 30 | 78.5 | 4 | 19 | 32 | 11.1 |
| 20 | 34.2 | 37 | 32 | 77.5 | 4 | 19 | 37.5 | 13.7 |
| 22 | 37.4 | 40 | 37 | 80.5 | 4 | 19.7 | 37.5 | 13.7 |
| 24 | 40.9 | 44 | 40 | 87.5 | 4 | 20.6 | 43.5 | 19 |
| 28 | 46.7 | 49.5 | 45 | 95.5 | 4 | 20.6 | 43.5 | 19 |
| 32 | 53.4 | 56 | 52 | 101 | 4 | 22.2 | 54 | 23.8 |
| 36 | 59.6 | 62.5 | 58 | 105.5 | 4 | 22.2 | 58 | 28.5 |
| 40 | 65.5 | 68.5 | 63.2 | 107 | 4 | 22.2 | 63.5 | 31.8 |

*Dimensions in mm*

*Dimension "L" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.*

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## Inserts




| | |
|---|---|
| **Arrangement** | 16S-1 |
| **Gender** | Pin |
| **No. of contacts** | 7 |
| **Contacts size** | N° 7 x #16S (22A Max) |
| **Service Rating** | A (700Vdc - 500Vac) |
| **Rotation** | N (0°) |

| Contacts P/N | Qty | Size | Termination | mm² section | AWG section | Stripping length mm | Manual crimp tool | Crimp Die / Locator | Insertion tool | Removal tool | Guide pin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ST385 16SP | 7 | 16S | solder | - | 18÷16 | 5,5 | - | - | - | - | - |
| | | | | | | | | | | | |

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## Code details

| | | |
|---|---|---|
| Insert material | _ | Chloroprene rubber |
| Series | CVB | Bayonet connector |
| Shell material | _ | Aluminum alloy |
| Shell Type | 01 | In-line receptacle able to accept rear accessories |
| Connector Class | ACB | Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A (for jacketed cable) |
| Accessories | _ | - |
| Accessories | _ | - |
| Accessories | _ | - |
| Insert | 16S-1 | Arrangement 16S-1 |
| Gender Contacts | P | Pin |
| Polarization | _ | N (0°) |
| Backshell Details | _ | - |
| Contacts Termination | _ | Solder |
| Contact Plating | _ | Silver 3.5µ min |
| Shell Finish | F4 | CCF green (conductive) |
| Panel Gasket | _ | - |
| Contact modification code | _ | - |
| Customization | _ | - |

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**Shell type:**
Bayonet connector
In-line receptacle able to accept rear accessories

**Reference Documents:**
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529

**General features:**
Arrangement: 16S-1; Pin; the insert is supplied with rotation: N (0°)
Contact: n.7 size 16S; Solder

Operating Temperature: -55 ÷ +125°C
IP Protection degree according EN60529: IP67
Insulating rubber parts: Chloroprene rubber

**Connector supplied with:**
- Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A (for jacketed cable)

**Electrical specifications:**
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 Vac

Current Rating, single contact:
- maximum current: 22A (#16S) with ambient temperature 20°C
- rated current: 13A (#16S) with ambient temperature 80°C

| COMPONENTS | MATERIALS | PLATING / FINISHES |
|---|---|---|
| Shells | Aluminum alloy | CCF green (conductive) |
| Insulating | Chloroprene rubber | - |
| Contacts | Copper alloy | Silver 3.5µ min |
| Panel Gasket | - | - |
| Others part | - | - |

| ACCESSORIES (included) | | |
|---|---|---|
| **P/N** | **Description** | **Quantity** |
| - | - | - |
| - | - | - |
| - | - | - |

| PACKAGING | | |
|---|---|---|
| **Quantity** | **Type** | **Weight** |
| 1 | Plastic Bags | - |
| - | Carton Box | - |

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