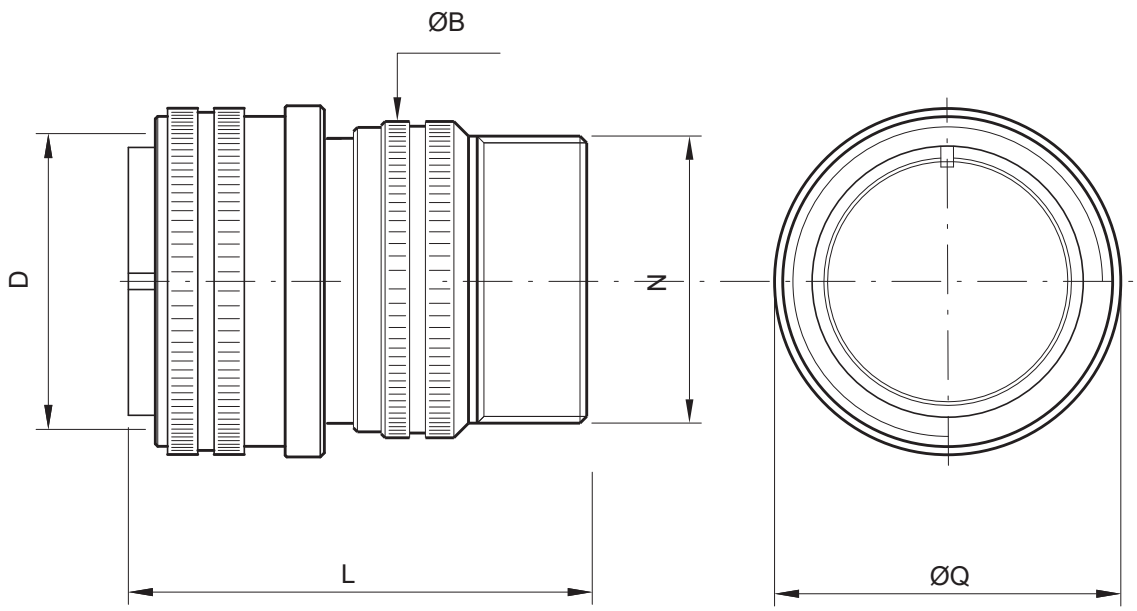
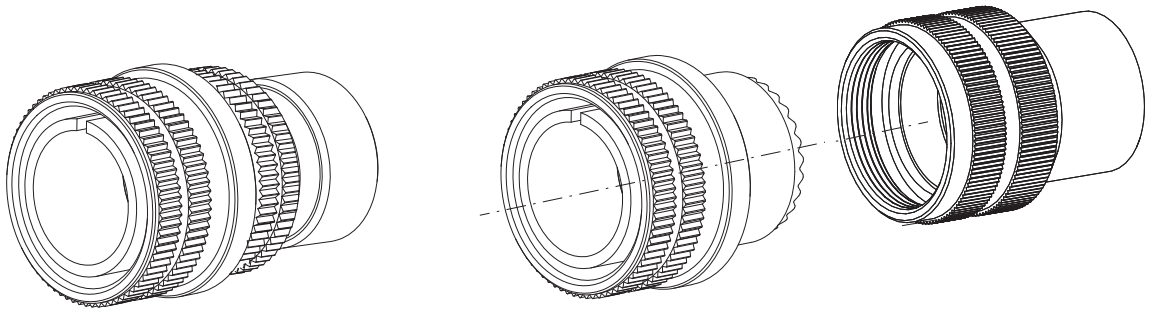
| PAGE **1/4** | ISSUE **20-09-22A** | SERIES **CVS** | PART NUMBER **CVS 06A 16S-1P F5** |
|---|---|---|---|



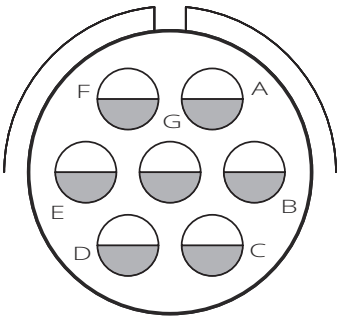
| Shell size | D<br>Connectors<br>Thread in inches | ØQ<br>±0.2 | ØB<br>±0.2 | L<br>max | N<br>Backshell<br>Thread in inches |
|---|---|---|---|---|---|
| 10SL | 5/8"-24 UNEF | 22.8 | 20 | 36 | 5/8"-24 UNEF |
| 14S | 7/8"-20 UNEF | 28.5 | 24 | 43 | 3/4"-20 UNEF |
| **16S** | **1"-20 UNEF** | **31.8** | **27** | **43** | **7/8"-20 UNEF** |
| 16 | 1"-20 UNEF | 31.8 | 27 | 49 | 7/8"-20 UNEF |
| 18 | 1"1/8-18 UNEF | 34 | 30 | 52 | 1"-20 UNEF |
| 20 | 1"1/4-18 UNEF | 37.3 | 32 | 52.5 | 1" 3/16-18 UNEF |
| 22 | 1"3/8-18 UNEF | 40.5 | 37 | 55 | 1" 3/16-18 UNEF |
| 24 | 1"1/2-18 UNEF | 43.5 | 40 | 55 | 1" 7/16-18 UNEF |
| 28 | 1"3/4-18 UNS | 50 | 45 | 62 | 1" 7/16-18 UNEF |
| 32 | 2"-18 UNS | 56.1 | 52 | 62 | 1" 3/4-18 UNS |
| 36 | 2"1/4-16 UN | 62.5 | 58 | 62 | 2"-18 UNS |
| 40 | 2"1/2-16 UN | 69.1 | 63.8 | 64 | 2"1/4-16 UN |

*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 | CVS | Thread connectors |
| Shell material | _ | Aluminum alloy |
| Shell Type | 06 | Plug connector for straight backshell, with coupling nut |
| Connector Class | A | Backshell having an external thread suitable for MS3057...A or C type cable-clamps |
| 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 | F5 | Electroless nickel |
| Panel Gasket | _ | - |
| Contact modification code | _ | - |
| Customization | _ | - |

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**Shell type:**
Thread connectors
Plug connector for straight backshell, with coupling nut

**Reference Documents:**
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

**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:**
- Backshell having an external thread suitable for MS3057...A or C type cable-clamps

**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 | Electroless nickel |
| Insulating | Chloroprene rubber | - |
| Contacts | Copper alloy | Silver 3.5µ min |
| Panel Gasket | - | - |
| Others part | - | - |

| ACCESSORIES (included) | | |
|---|---|---|
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |

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

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