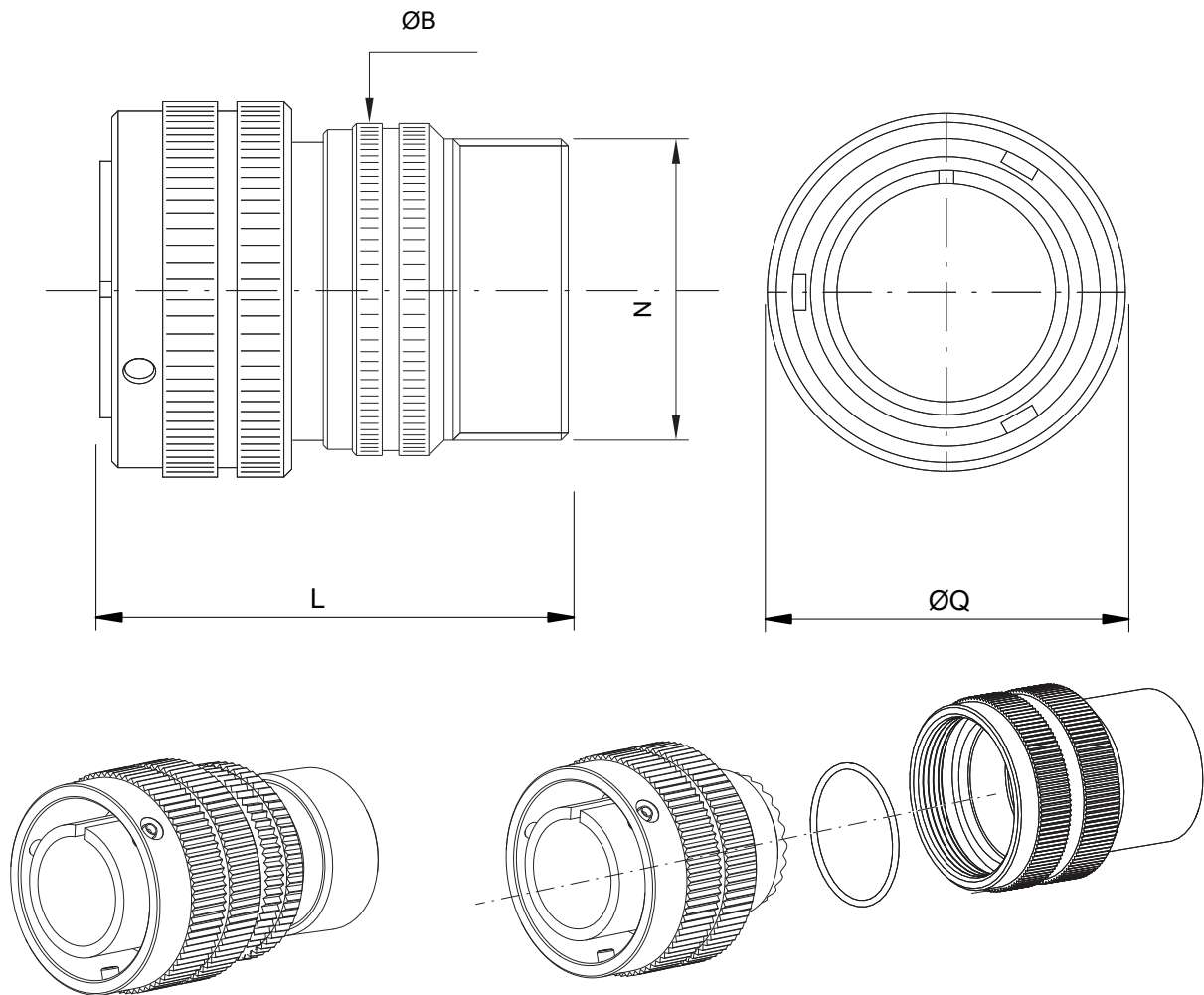


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SERIES CVBS

PART NUMBER CVBS 06DA 10SL-3S F5



| Shell size | ØQ<br>±0.2 | ØB<br>±0.2 | L<br>max | N<br>Backshell<br>Thread in inches |
|------------|------------|------------|----------|------------------------------------|
| 10SL       | 23.3       | 20         | 36       | 5/8"-24 UNEF                       |
| 14S        | 29.5       | 24         | 43       | 3/4"-20 UNEF                       |
| 16S        | 33         | 27         | 43       | 7/8"-20 UNEF                       |
| 16         | 33         | 27         | 49       | 7/8"-20 UNEF                       |
| 18         | 37         | 30         | 52       | 1"-20 UNEF                         |
| 20         | 41         | 32         | 52.5     | 1" 3/16-18 UNEF                    |
| 22         | 43         | 37         | 55       | 1" 3/16-18 UNEF                    |
| 24         | 48         | 40         | 55       | 1" 7/16-18 UNEF                    |
| 28         | 53         | 45         | 62       | 1" 7/16-18 UNEF                    |
| 32         | 60         | 52         | 62       | 1" 3/4-18 UNS                      |
| 36         | 66.2       | 58         | 62       | 2"-18 UNS                          |
| 40         | 72.4       | 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.

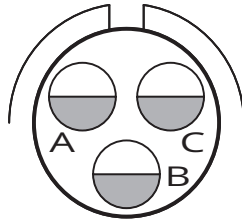
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SERIES CVBS

PART NUMBER CVBS 06DA 10SL-3S F5

## Inserts



**Arrangement** 10SL-3

**Gender** Socket

**No. of contacts** 3

**Contacts size** N° 3 x #16S (22A Max)

**Service Rating** A (700Vdc - 500Vac)

**Rotation** N (0°)

| Contacts P/N | Qty | Size | Termination | mm <sup>2</sup> section | AWG section | Stripping length mm | Manual crimp tool | Crimp Die / Locator | Insertion tool | Removal tool | Guide pin |
|--------------|-----|------|-------------|-------------------------|-------------|---------------------|-------------------|---------------------|----------------|--------------|-----------|
| ST385 16SP   | 3   | 16S  | solder      | -                       | 18÷16       | 5,5                 | -                 | -                   | -              | -            | -         |

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SERIES CVBS

PART NUMBER CVBS 06DA 10SL-3S F5

## Code details

|                           |        |                                                          |
|---------------------------|--------|----------------------------------------------------------|
| Insert material           | –      | Chloroprene rubber                                       |
| Series                    | CVBS   | Bayonet connector with protected mating ramps            |
| Shell material            | –      | Aluminum alloy                                           |
| Shell Type                | 06     | Plug connector for straight backshell, with coupling nut |
| Connector Class           | DA     | Backshell with waterproof o-ring.                        |
| Accessories               | –      | -                                                        |
| Accessories               | –      | -                                                        |
| Accessories               | –      | -                                                        |
| Insert                    | 10SL-3 | Arrangement 10SL-3                                       |
| Gender Contacts           | S      | Socket                                                   |
| 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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SERIES CVBS

PART NUMBER CVBS 06DA 10SL-3S F5

## Shell type:

Bayonet connector with protected mating ramps  
Plug connector for straight backshell, with coupling nut

## Reference Documents:

- SAE AS 50151 (ex MIL-C-5015 where applicable)
- VG 95234 (where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

## General features:

Arrangement: 10SL-3; Socket; the insert is supplied with rotation: N (0°)  
Contact: n.3 size 16S; Solder

Operating Temperature: -55 ÷ +125°C

IP Protection degree according EN60529: IP67 or IP68 (10meters 12hours, according to the application, connector series and shell type)

Insulating rubber parts: Chloroprene rubber

## Connector supplied with:

- Backshell with waterproof o-ring.

## 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 | ACCESSORIES (included) |             |          |
|--------------|--------------------|--------------------|------------------------|-------------|----------|
|              |                    |                    | P/N                    | Description | Quantity |
| Shells       | Aluminum alloy     | Electroless nickel |                        |             |          |
| Insulating   | Chloroprene rubber | -                  | -                      | -           | -        |
| Contacts     | Copper alloy       | Silver 3.5µ min    | -                      | -           | -        |
| Panel Gasket | -                  | -                  | -                      | -           | -        |
| Others part  | -                  | -                  |                        |             |          |

## PACKAGING

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