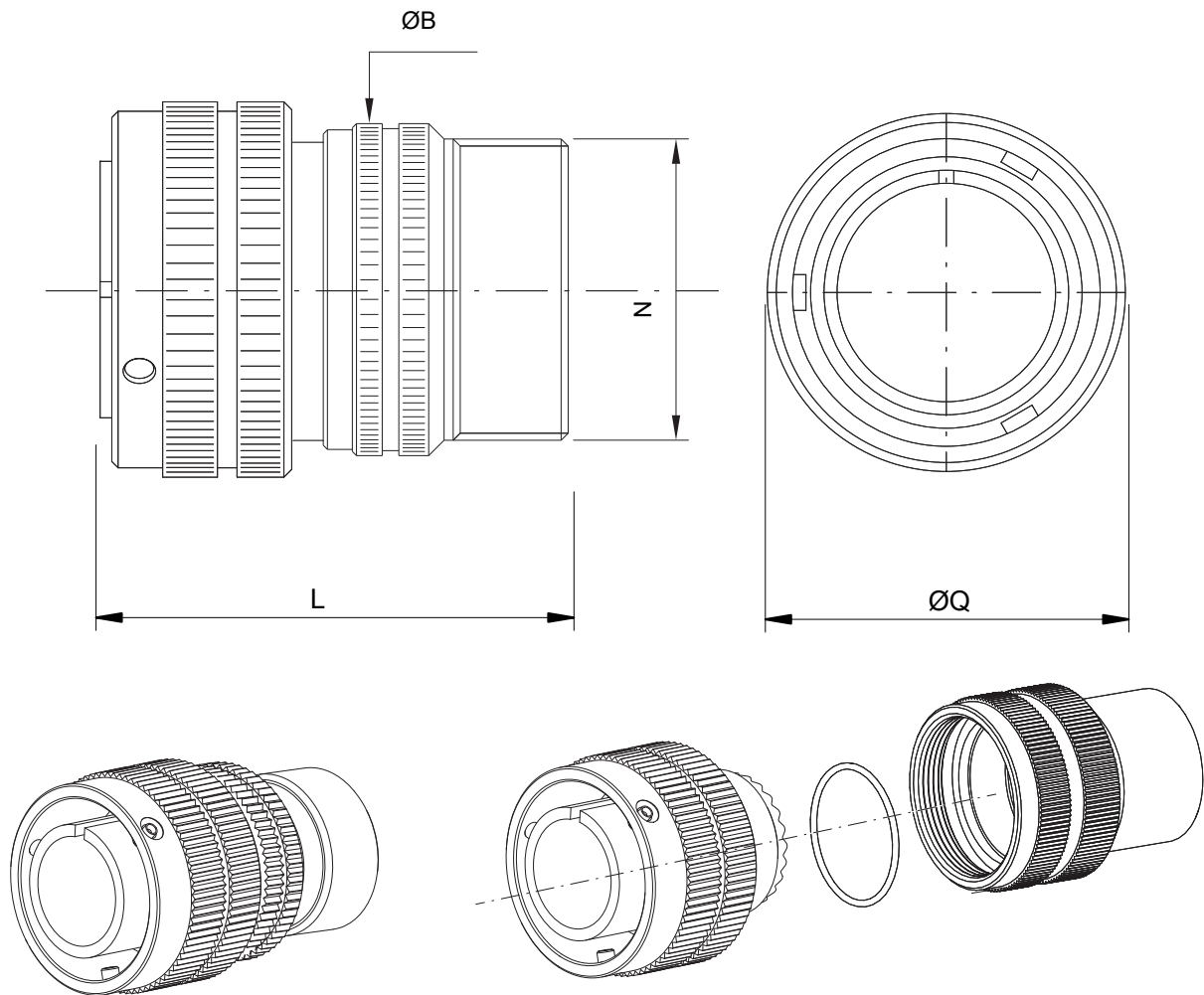


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| Shell size | ØQ<br>±0.2 | ØB<br>±0.2 | L<br>max | N<br>Backshell<br>Thread in inches |
|------------|------------|------------|----------|------------------------------------|
| 10SL       | 23.3       | 20         | 36       | 5/8"-24 UNEF                       |
| 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.

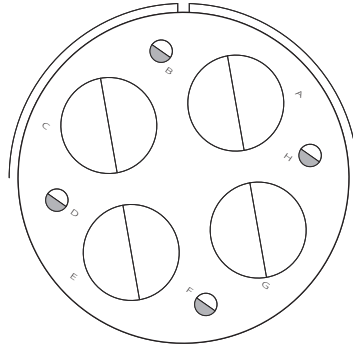
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## Inserts



|                 |                                              |
|-----------------|----------------------------------------------|
| Arrangement     | 40A8                                         |
| Gender          | Socket                                       |
| No. of contacts | 8                                            |
| Contacts size   | N° 4 x #16 (22A Max)<br>N° 4 x #0 (245A Max) |
| Service Rating  | E (1750Vdc - 1250Vac)                        |
| Rotation        | Z (325°)                                     |

| 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 |
|--------------|-----|------|-------------|-------------------------|-------------|---------------------|-------------------|---------------------|----------------|--------------|-----------|
| -            | -   | -    | -           | -                       | -           | -                   | -                 | -                   | -              | -            | -         |
| -            | -   | -    | -           | -                       | -           | -                   | -                 | -                   | -              | -            | -         |

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## Code details

|                           |      |                                                                                                                     |
|---------------------------|------|---------------------------------------------------------------------------------------------------------------------|
| Insert material           | RF   | Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)                    |
| 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   | Standard backshell having an external thread suitable for MS3057...A or C type cable-clamps, with waterproof O-ring |
| Accessories               | –    | -                                                                                                                   |
| Accessories               | –    | -                                                                                                                   |
| Accessories               | –    | -                                                                                                                   |
| Insert                    | 40A8 | Arrangement 40A8                                                                                                    |
| Gender Contacts           | S    | Socket                                                                                                              |
| Polarization              | Z    | Z (325°)                                                                                                            |
| Backshell Details         | –    | -                                                                                                                   |
| Contacts Termination      | LC   | Loose type ( to be purchased separately)                                                                            |
| Contact Plating           | –    | -                                                                                                                   |
| Shell Finish              | F16  | CCF black, conductive - RoHS compliant                                                                              |
| Panel Gasket              | –    | -                                                                                                                   |
| Contact modification code | –    | -                                                                                                                   |
| Customization             | –    | -                                                                                                                   |

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## Shell type:

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

## Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
- European Directive 2011/65/UE (RoHS)

## General features:

Arrangement: 40A8; Socket; the insert is supplied with rotation: Z (325°)  
Contact: n.4 size 0; n.4 size 16; Loose type ( to be purchased separately)

Operating temperatures: -55°C ÷ +125°C

Protection degree (mated connectors; according to EN 60529): IP67

Insulating rubber parts: Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)

## Connector supplied with:

- Standard backshell having an external thread suitable for MS3057...A or C type cable-clamps, with waterproof O-ring

## Electrical specifications:

Nominal Voltage: 1750 Vdc / 1250 Vac (service E)

Test Voltage: 3500 Vac

Current Rating, single contact:

- maximum current: 245A (#0) 22A (#16) with ambient temperature 20°C
- rated current: 150A (#0) 13A (#16) with ambient temperature 80°C

| COMPONENTS   | MATERIALS                        | PLATING / FINISHES                     | ACCESSORIES (included) |             |          |
|--------------|----------------------------------|----------------------------------------|------------------------|-------------|----------|
| Shells       | Aluminum alloy                   | CCF black, conductive - RoHS compliant | P/N                    | Description | Quantity |
| Insulating   | Fire behaviour (fire and smoke)* | -                                      | -                      | -           | -        |
| Contacts     | -                                | -                                      | -                      | -           | -        |
| Panel Gasket | -                                | -                                      | -                      | -           | -        |
| Others part  | -                                | -                                      | -                      | -           | -        |

\* Insulating Class parts: fire behaviour (fire and smoke) complying with EN 45545-2  
Par. 4.3.1 (< 10 g), NFPA130 Par. 8.4.1.10 (< 100 cm²)

## PACKAGING

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



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