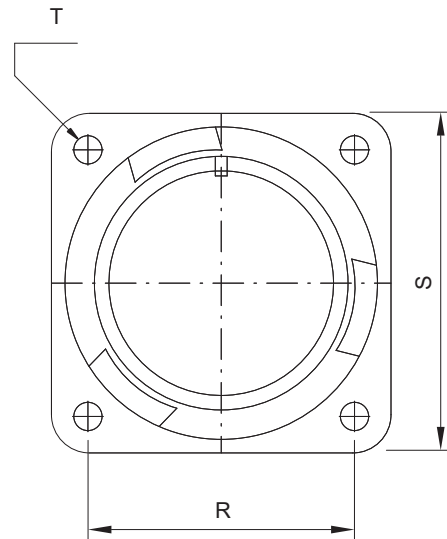
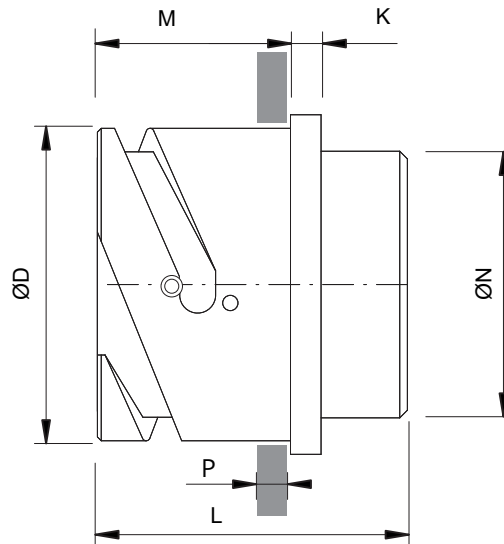
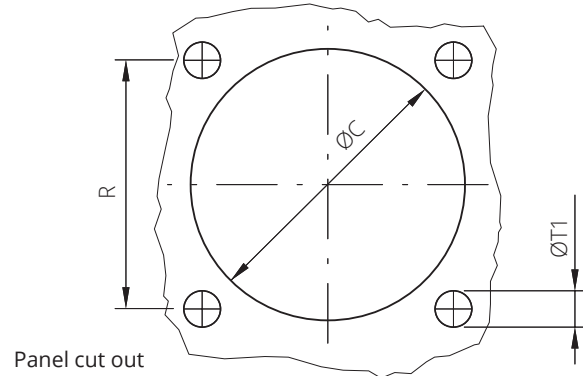
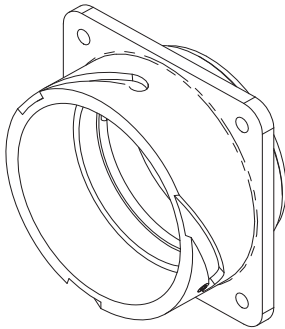


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| Shell size | ØD<br>+0<br>-0.15 | L           | K<br>±0.2 | M<br>±0.2   | N<br>Thread in inches | R<br>±0.1   | S<br>±0.3   | ØT        | ØT1        | ØC<br>±0.2  | P Panel Thickness Max |
|------------|-------------------|-------------|-----------|-------------|-----------------------|-------------|-------------|-----------|------------|-------------|-----------------------|
| 10SL       | 18.2              | 30          | 2.8       | 18.2        | 5/8"-24 UNEF          | 18.2        | 25.4        | M4        | 4.5        | 19.1        | 6                     |
| 14S        | 24.6              | 30          | 3.2       | 18.6        | 3/4"-20 UNEF          | 23          | 30.2        | M4        | 4.5        | 25.5        | 7.2                   |
| 16S        | 27.4              | 30          | 3.2       | 18.6        | 7/8"-20 UNEF          | 24.6        | 32.5        | M4        | 4.5        | 28.3        | 7.2                   |
| 16         | 27.4              | 38.8        | 3.2       | 23.05       | 7/8"-20 UNEF          | 24.6        | 32.5        | M4        | 4.5        | 28.3        | 5.35                  |
| 18         | 30.8              | 38.5        | 4         | 23.4        | 1"-20 UNEF            | 27          | 34.9        | M4        | 4.5        | 31.7        | 7.25                  |
| 20         | 34.2              | 39.1        | 4         | 23.4        | 1" 1/8-18 UNEF        | 29.4        | 38.1        | M4        | 4.5        | 35          | 7.3                   |
| 22         | 37.4              | 39.3        | 4         | 23.4        | 1" 1/4-18 UNEF        | 31.8        | 41          | M4        | 4.5        | 38.3        | 7.3                   |
| <b>24</b>  | <b>40.9</b>       | <b>38.8</b> | <b>4</b>  | <b>23.4</b> | <b>1" 3/8-18 UNEF</b> | <b>34.9</b> | <b>44.5</b> | <b>M4</b> | <b>4.5</b> | <b>41.8</b> | <b>6.85</b>           |
| 28         | 46.7              | 39.1        | 4         | 24.4        | 1" 5/8-18 UNEF        | 39.7        | 50.8        | M5        | 5.5        | 47.6        | 7.8                   |
| 32         | 53.4              | 38.4        | 4         | 24.4        | 1" 7/8-16 UN          | 44.5        | 57          | M5        | 5.5        | 54.3        | 7.5                   |
| 36         | 59.6              | 39.9        | 4         | 24.4        | 2" 1/16-16 UNS        | 49.2        | 63.5        | M5        | 5.5        | 60.5        | 7.5                   |
| 40         | 65.5              | 38.5        | 4         | 24.4        | 2" 5/16-16 UNS        | 55.6        | 69.8        | M5        | 5.5        | 66.4        | 7.5                   |

Dimensions in mm

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

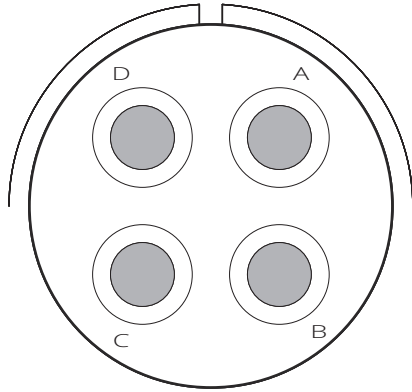
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## Inserts



Arrangement 24-22

Gender Pin

No. of con-  
tacts 4

Contacts size N° 4 x #8 (73A Max)

Service Rating D (1250Vdc - 900Vac)

Rotation N (0°)

| Contacts<br>P/N | Qty | Size | Termination | mm <sup>2</sup><br>section | AWG<br>section | Stripping<br>length<br>mm | Manual<br>crimp<br>tool | Crimp<br>Die /<br>Locator | Insertion<br>tool | Removal<br>tool | Guide<br>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                | 030   | Rear mounting receptacle connector with thread to accept backshells                              |
| Connector Class           | –     | No rear accessories                                                                              |
| Accessories               | –     | -                                                                                                |
| Accessories               | –     | -                                                                                                |
| Accessories               | –     | -                                                                                                |
| Insert                    | 24-22 | Arrangement 24-22                                                                                |
| Gender Contacts           | P     | Pin                                                                                              |
| Polarization              | –     | N (0°)                                                                                           |
| Backshell Details         | –     | -                                                                                                |
| Contacts Termination      | LC    | Less contacts ( 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

Rear mounting receptacle connector with thread to accept backshells

## 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: 24-22; Pin; the insert is supplied with rotation: N (0°)

Contact: n.4 size 8; Less contacts ( to be purchased separately)

Operating Temperature: -55 ÷ +150°C

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

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

## Connector supplied with:

- No rear accessories

## Electrical specifications:

Nominal Voltage: 1250 Vdc / 900 Vac (service D)

Test Voltage: 2800 Vac

Current Rating, single contact:

- maximum current: 73A (#8) with ambient temperature 20°C
- rated current: 46A (#8) with ambient temperature 80°C

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

## PACKAGING

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