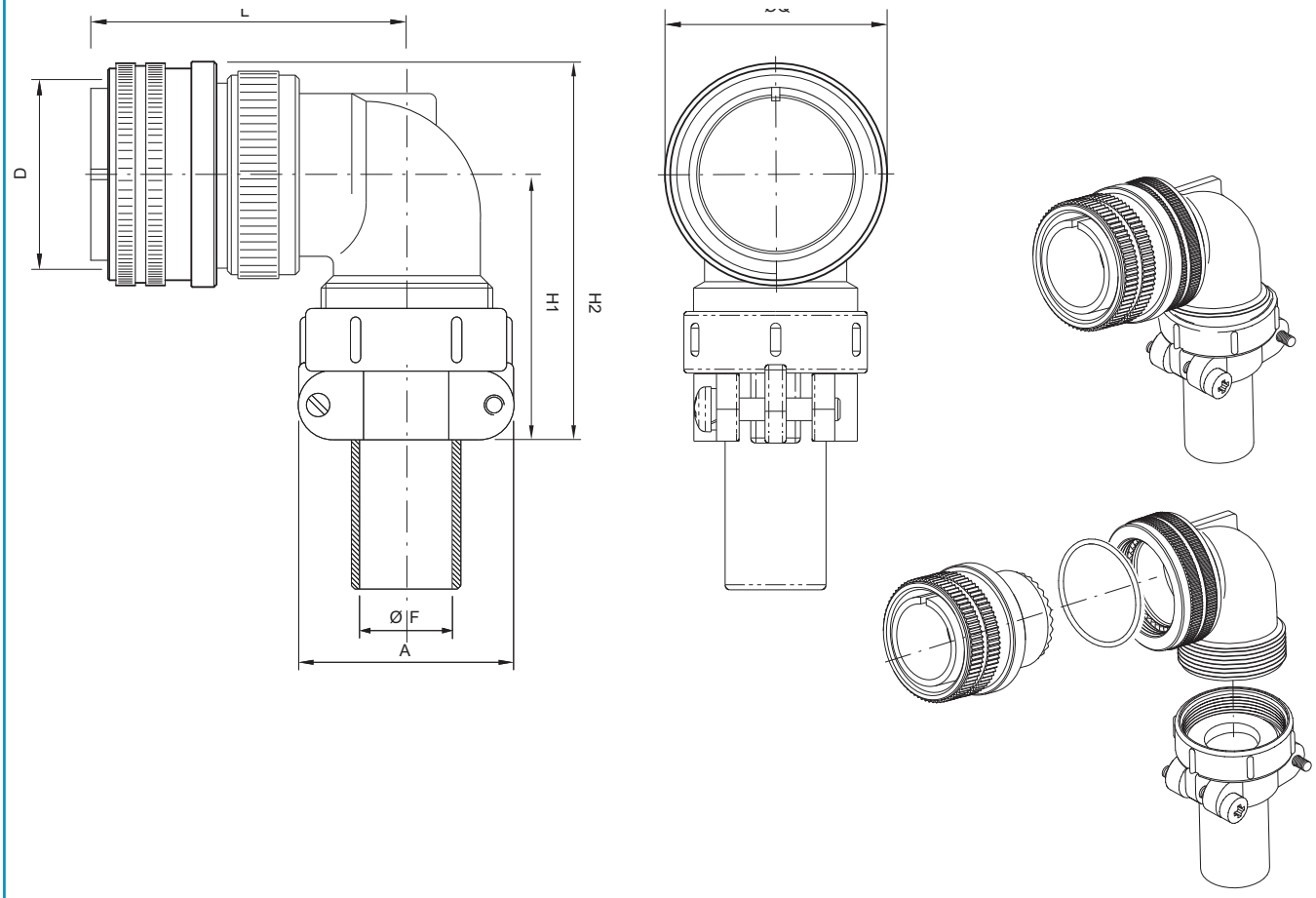
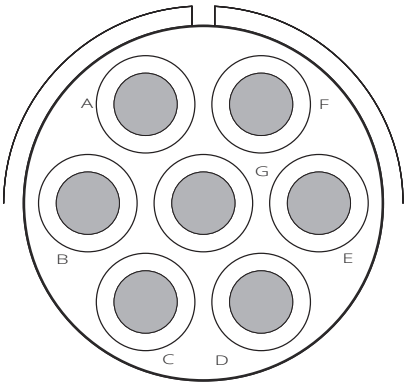



| Shell size | D Connectors Thread in inches | ØQ ±0.2 | L max | H1 max | H2 max | A max | ØF cable max dimension |
|---|---|---|---|---|---|---|---|
| 10SL | 5/8"-24 UNEF | 22.8 | 45.5 | 39 | 50.4 | 22.5 | 5.6 |
| 14S | 7/8"-20 UNEF | 28.5 | 45.5 | 39 | 53.3 | 28 | 7.9 |
| 16S | 1"-20 UNEF | 31.8 | 47 | 42.5 | 58.4 | 30 | 11 |
| 16 | 1"-20 UNEF | 31.8 | 56.5 | 42.5 | 58.4 | 30 | 11 |
| 18 | 1"1/8-18 UNEF | 34 | 57.5 | 47 | 64 | 31.7 | 14.2 |
| 20 | 1"1/4-18 UNEF | 37.3 | 60 | 47.5 | 66.2 | 37.5 | 15.8 |
| 22 | 1"3/8-18 UNEF | 40.5 | 62.5 | 49.5 | 69.8 | 37.5 | 15.8 |
| **24** | **1"1/2-18 UNEF** | **43.5** | **65.5** | **53.5** | **75.3** | **43.5** | **19** |
| 28 | 1"3/4-18 UNS | 50 | 65.5 | 55.5 | 80.5 | 43.5 | 19 |
| 32 | 2"-18 UNS | 56.1 | 70 | 61.5 | 89.6 | 51.7 | 23.8 |
| 36 | 2"1/4-16 UN | 62.5 | 73.5 | 64.5 | 95.8 | 58.5 | 31.7 |
| 40 | 2"1/2-16 UN | 69.1 | 78.5 | 82 | 116.6 | 68.5 | 34.9 |

***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** | 24-10 |
| **Gender** | Socket |
| **No. of contacts** | 7 |
| **Contacts size** | N° 7 x #8 (73A 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 8S | 7 | 8 | solder | - | 8 | 12,6 | - | - | - | - | - |
| | | | | | | | | | | | |

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## Code details

| | | |
|---|---|---|
| Insert material | _ | Chloroprene rubber |
| Series | CVS | Thread connectors |
| Shell material | _ | Aluminum alloy |
| Shell Type | 08 | Plug connector, with 90° elbow and coupling nut |
| Connector Class | AF | Standard backshell, MS3057..A type cable-clamp and bushing MS 3420.. (single wire) |
| Accessories | _ | - |
| Accessories | _ | - |
| Accessories | _ | - |
| Insert | 24-10 | Arrangement 24-10 |
| Gender Contacts | S | Socket |
| Polarization | _ | N (0°) |
| Backshell Details: | _ | - |
| Contacts termination | _ | Solder |
| Contacts plating | _ | Silver 3.5µ min |
| Shell Finish | F16 | CCF black, conductive - RoHS compliant |
| Panel Gasket | _ | - |
| Contact modification code | _ | - |
| Customization | _ | - |

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**Shell type:**
Thread connectors
Plug connector, with 90° elbow and coupling nut

**Reference Documents:**
- SAE AS 50151 (ex MIL-C-5015 where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

**General features:**
Arrangement: 24-10; Socket; the insert is supplied with rotation: N (0°)
Contact: n.7 size 8; Solder

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

**Connector supplied with:**
- Standard backshell, MS3057..A type cable-clamp and bushing MS 3420.. (single wire)

**Electrical specifications:**
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 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 |
|---|---|---|
| Shells | Aluminum alloy | CCF black, conductive - RoHS compliant |
| 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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