



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours
- Mass : 17.86 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 25 Max |
| Z | 31 Max |
| VV THREAD | M15x1-6g |

SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR | Not Listed |

PN: 8D511Z04BC

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 18-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

| | | | |
|--------------|--------------------------|--|--|
| TITLE | Aluminium Plug 8D series | | |
|--------------|--------------------------|--|--|

| | | | |
|-------|--|----------------------------|-----------------|
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |

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|-----------|------------------------------------|------------|
| FORMAT | SOURIAU DRG N° 8D511Z04BC-C | SHEET |
| A3 | | 1/2 |

| | | | | | | | | | | |
|----------------|-------------------------|-------------------|---|----|---|----|---|---|------------------|---------------------|
| BASIC SERIES: | 8D | 5 | - | 11 | Z | 04 | B | C | ORIENTATION : C | |
| SHELL TYPE : | Plug with RFI Shielding | | | | | | | | | |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | | |
| SHELL SIZE : | 11 | | | | | | | | | |
| PLATING : | Z = | Black Zinc Nickel | | | | | | | CONTACT TYPE : | SOCKET(500 Matings) |
| | | | | | | | | | CONTACT LAYOUT : | 11-04 |

H G F E D C B A

Contact Layout



| Contact position ID | Contact location | |
|---------------------|------------------|---------------|
| | X-axis (mm) | Y-axis (mm) |
| A | +0.065 (1.65) | +0.065 (1.65) |
| B | +0.065 (1.65) | -0.065 (1.65) |
| C | -0.065 (1.65) | -0.065 (1.65) |
| D | -0.065 (1.65) | +0.065 (1.65) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 11 | -4 | 4 | 20 | I | All | MS20050-4 |

4

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H G F E D C B A