

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : 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 +200°C
- Salt Spray : 48 hours
- Mass : 12.77 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 21.8 Max |
| Z | 31 Max |
| VV THREAD | M12x1-6g |

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: 8D509F98BC

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 14-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

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

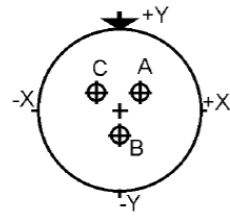
| | | | |
|-------|--|----------------------------|-----------------|
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |

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| FORMAT | SOURIAU DRG N° 8D509F98BC-C | SHEET |
| A3 | | 1/2 |

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|----------------|------------------------------------|---|---|----|---|----|---|---|-----------------|
| BASIC SERIES: | 8D | 5 | - | 09 | F | 98 | B | C | ORIENTATION : C |
| SHELL TYPE : | Plug with RFI Shielding | | | | | | | | |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | |
| SHELL SIZE : | 09 | | | | | | | | |
| PLATING : | F = Nickel | | | | | | | | |
| | CONTACT TYPE : SOCKET(500 Matings) | | | | | | | | |
| | CONTACT LAYOUT : 09-98 | | | | | | | | |

Contact Layout



| Contact position ID | Contact location | |
|---------------------|------------------|-------------|
| | X-axis (mm) | Y-axis (mm) |
| A | +065 (1.65) | +038 (0.97) |
| B | +000 (0.00) | -075 (1.91) |
| C | -065 (1.65) | +038 (0.97) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 9 | -98 | 3 | 20 | I | All | MS20049-98 |

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