



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

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 44.9 Max |
| Z                   | 31 Max   |
| VV THREAD           | M34x1-6g |

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: 8D523F06SC**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 06-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|              |                                 |  |  |
|--------------|---------------------------------|--|--|
| <b>TITLE</b> | <b>Aluminium Plug 8D series</b> |  |  |
|--------------|---------------------------------|--|--|

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

|                |                        |   |
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|-----------|------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D523F06SC-C</b> | SHEET      |
| <b>A3</b> |                                    | <b>1/2</b> |

|                |                         |   |   |    |   |    |   |   |                                    |
|----------------|-------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 23 | F | 06 | S | C | ORIENTATION : C                    |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 23-06             |
| SHELL SIZE :   | 23                      |   |   |    |   |    |   |   |                                    |
| PLATING :      | F = Nickel              |   |   |    |   |    |   |   |                                    |

Contact Layout

06



6#8 Concentric  
Twinax  
Service M

| 23-06 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 9.24  |
| B     | 8.81  | 2.87  |
| C     | 5.43  | -7.49 |
| D     | -5.43 | -7.49 |
| E     | -8.81 | 2.87  |
| F     | 0     | 0     |

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