

H G F E D C B A



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 2000 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 35.7 Max |
| Z                   | 31 Max   |
| VV THREAD           | M25x1-6g |

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: 8D517X20AB**

|   |                                    |                                |                               |
|---|------------------------------------|--------------------------------|-------------------------------|
| A   | 18-10-2016                         | First Release                  |                               |
| ISS   | DATE                               | Latest modification - by       | MOD N°                        |
| Designed By:  |                                    | Date:                          | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>  |                                    | Composite Plug 8D series       |                               |
| SCALE   | NA                                 | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b> |
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| FORMAT  | <b>SOURIAU DRG N° 8D517X20AB-C</b> |                                | SHEET<br>1/2                  |

|                |                         |                 |   |    |   |    |   |   |                  |                  |
|----------------|-------------------------|-----------------|---|----|---|----|---|---|------------------|------------------|
| BASIC SERIES:  | 8D                      | 5               | - | 17 | X | 20 | A | B | ORIENTATION : B  |                  |
| SHELL TYPE :   | Plug with RFI Shielding |                 |   |    |   |    |   |   |                  |                  |
| CONTACT TYPE : | Standard Crimp Contact  |                 |   |    |   |    |   |   |                  |                  |
| SHELL SIZE :   | 17                      |                 |   |    |   |    |   |   |                  |                  |
| PLATING :      | X =                     | Without Plating |   |    |   |    |   |   | CONTACT TYPE :   | PIN(500 Matings) |
|                |                         |                 |   |    |   |    |   |   | CONTACT LAYOUT : | 17-20            |

H G F E D C B A

Contact Layout

20\*



4#12  
16#22D

| 17-20 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 5.51  |
| B     | 3.17  | 0     |
| C     | 0     | -5.51 |
| D     | -3.17 | 0     |
| 1     | 4.16  | 7.06  |
| 2     | 4.29  | 4.29  |
| 3     | 7.11  | 4.03  |
| 4     | 8.05  | 1.4   |
| 5     | 8.05  | -1.4  |
| 6     | 7.11  | -4.03 |
| 7     | 4.29  | -4.29 |
| 8     | 4.16  | -7.06 |
| 9     | -4.16 | -7.06 |
| 10    | -4.29 | -4.29 |
| 11    | -7.11 | -4.03 |
| 12    | -8.05 | -1.4  |
| 13    | -8.05 | 1.4   |
| 14    | -7.11 | 4.03  |
| 15    | -4.29 | 4.29  |
| 16    | -4.16 | 7.06  |

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| <b>TITLE</b>   | <b>Composite Plug 8D series</b>    |                            |   |
| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D517X20AB-C</b> |                            | SHEET 2/2   |