

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
- Mass : 36.3 g ± 10%

| 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: 8D517X26BD**

|   |                                    |                                |                               |
|---|------------------------------------|--------------------------------|-------------------------------|
| 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° 8D517X26BD-C</b> |                                | SHEET<br>1/2                  |

|                |                         |   |   |    |   |    |   |   |                                    |
|----------------|-------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 17 | X | 26 | B | D | ORIENTATION : D                    |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 17-26             |
| SHELL SIZE :   | 17                      |   |   |    |   |    |   |   |                                    |
| PLATING :      | X = Without Plating     |   |   |    |   |    |   |   |                                    |

4  
3  
2  
1

4  
3  
2  
1

1

1

H G F E D C B A

4  
3  
2  
1

4 3 2 1

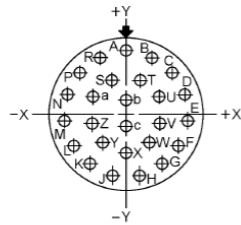
H G F E D C B A

H G F E D C B A

4 3 2 1

4 3 2 1

Contact Layout



| Contacts<br>(Insert arrangement 17-26) |                  |             |                     |                  |             |
|--|------------------|-------------|---------------------|------------------|-------------|
| Contact position ID                    | Contact location |             | Contact position ID | Contact location |             |
|  | X-axis (mm)      | Y-axis (mm) |                     | X-axis (mm)      | Y-axis (mm) |
| A                                      | +000 (0.00)      | +321 (8.15) | P                   | -239 (6.07)      | +214 (5.44) |
| B                                      | +131 (3.33)      | +293 (7.44) | R                   | -131 (3.33)      | +293 (7.44) |
| C                                      | +239 (6.07)      | +214 (5.44) | S                   | -070 (1.78)      | +177 (4.50) |
| D                                      | +305 (7.75)      | +099 (2.51) | T                   | +070 (1.78)      | +177 (4.50) |
| E                                      | +319 (8.10)      | -034 (0.86) | U                   | +175 (4.45)      | +094 (2.39) |
| F                                      | +278 (7.06)      | -161 (4.09) | V                   | +178 (4.52)      | -036 (0.91) |
| G                                      | +189 (4.80)      | -260 (6.60) | W                   | +119 (3.02)      | -151 (3.84) |
| H                                      | +067 (1.70)      | -314 (7.98) | X                   | +000 (0.00)      | -203 (5.16) |
| J                                      | -067 (1.70)      | -314 (7.98) | Y                   | -119 (3.02)      | -151 (3.84) |
| K                                      | -189 (4.80)      | -260 (6.60) | Z                   | -178 (4.52)      | -036 (0.91) |
| L                                      | -278 (7.06)      | -161 (4.09) | a                   | -175 (4.45)      | +094 (2.39) |
| M                                      | -319 (8.10)      | -034 (0.86) | b                   | +000 (0.00)      | +065 (1.65) |
| N                                      | -305 (7.75)      | +099 (2.51) | c                   | +000 (0.00)      | -065 (1.65) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact position ID | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|---------------------|------------|
| 17         | -26             | 26                 | 20            | I              | All                 | MS20053-26 |

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