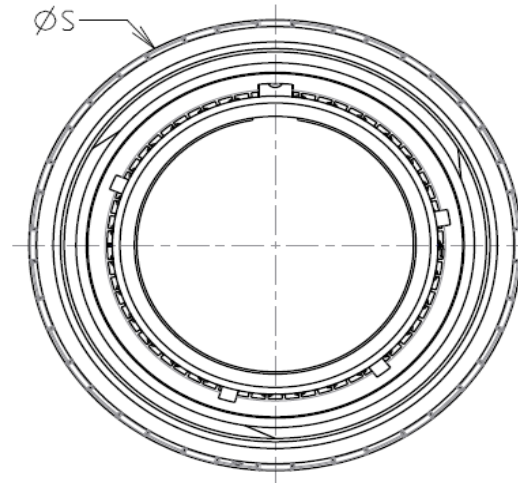




## CHARACTERISTICS

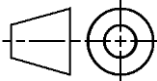
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours
- Mass : 31.3 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 32.5 Max |
| Z'                  | 31.5 Max |
| VV THREAD           | M22x1-6g |

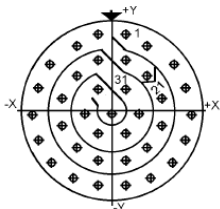
SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

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

PN: 8D515M35BN

|              |                                                                                       |                                      |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 19-10-2016                                                                            | First Release                        |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by             | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                                | CUSTOMER DRAWING                                                                                               |
| TITLE        |                                                                                       | Composite Plug 8D series             |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:<br>±-- | NPRDS / PROJECT<br><br><b>859</b>                                                                              |
| NA           |                                                                                       |                                      |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D515M35BN-C                                                        |                                      | SHEET<br><br>1/2                                                                                               |
| A3           |                                                                                       |                                      |                                                                                                                |

Contact Layout



| Contacts<br>(Insert arrangement 15-35) |                |                |                        |                |                |
|----------------------------------------|----------------|----------------|------------------------|----------------|----------------|
| Contact<br>position ID                 | Location       |                | Contact<br>position ID | Location       |                |
|                                        | X-axis<br>(mm) | Y-axis<br>(mm) |                        | X-axis<br>(mm) | Y-axis<br>(mm) |
| 1                                      | +045 (1.14)    | +262 (6.65)    | 20                     | +123 (3.12)    | +119 (3.02)    |
| 2                                      | +123 (3.12)    | +217 (5.51)    | 21                     | +170 (4.32)    | +040 (1.02)    |
| 3                                      | +211 (5.36)    | +160 (4.06)    | 22                     | +170 (4.32)    | -050 (1.27)    |
| 4                                      | +254 (6.45)    | +080 (2.03)    | 23                     | +123 (3.12)    | -127 (3.23)    |
| 5                                      | -200 (0.70)    | -010 (.25)     | 24                     | -045 (1.14)    | -172 (4.37)    |
| 6                                      | +247 (6.27)    | -098 (2.49)    | 25                     | -045 (1.14)    | -172 (4.37)    |
| 7                                      | +200 (5.08)    | -175 (4.45)    | 26                     | -123 (3.12)    | -127 (3.23)    |
| 8                                      | +130 (3.30)    | -232 (5.89)    | 27                     | -170 (4.32)    | -050 (1.27)    |
| 9                                      | +045 (1.14)    | -262 (6.65)    | 28                     | -170 (4.32)    | +040 (1.02)    |
| 10                                     | -045 (1.14)    | -262 (6.65)    | 29                     | -123 (3.12)    | +119 (3.02)    |
| 11                                     | -130 (3.30)    | -232 (5.89)    | 30                     | -045 (1.14)    | +172 (4.37)    |
| 12                                     | -200 (5.08)    | -175 (4.45)    | 31                     | +045 (1.14)    | +074 (1.88)    |
| 13                                     | -247 (6.27)    | -098 (2.49)    | 32                     | +090 (2.29)    | -004 (0.10)    |
| 14                                     | -266 (6.76)    | -010 (.25)     | 33                     | +045 (1.14)    | -082 (2.08)    |
| 15                                     | -254 (6.45)    | +080 (2.03)    | 34                     | -045 (1.14)    | -082 (2.08)    |
| 16                                     | -211 (5.36)    | +160 (4.06)    | 35                     | -090 (2.29)    | -004 (0.10)    |
| 17                                     | -123 (3.12)    | +217 (5.51)    | 36                     | -045 (1.14)    | +074 (1.88)    |
| 18                                     | -045 (1.14)    | +262 (6.65)    | 37                     | +000 (0.00)    | -004 (0.10)    |
| 19                                     | +045 (1.14)    | +172 (4.37)    | ---                    | ---            | ---            |

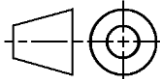
(Applicable to MIL-DTL-38999 only)

| Shell<br>size | Arrangement<br>no. | Number of<br>contacts | Size<br>contacts | Service<br>rating | Contact<br>location | Supersedes |
|---------------|--------------------|-----------------------|------------------|-------------------|---------------------|------------|
| 15            | -35                | 37                    | 22D              | M                 | All                 | MS27528-35 |

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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.)

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|---------|-----------------------------|
| FR      | Not Listed                  |

PN: 8D515M35BN

|              |                                                                                       |                                      |                                                                                                                |
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| A            | 19-10-2016                                                                            | First Release                        |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by             | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                                | CUSTOMER DRAWING                                                                                               |
| TITLE        |                                                                                       | Composite Plug 8D series             |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:<br>±-- | NPRDS / PROJECT<br><br>859                                                                                     |
| NA           |                                                                                       |                                      |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D515M35BN-C                                                        |                                      | SHEET<br>2/2                                                                                                   |
| A3           |                                                                                       |                                      |                                                                                                                |