



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**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 : 25.9 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 35.7 Max |
| Z'                  | 31.5 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.)

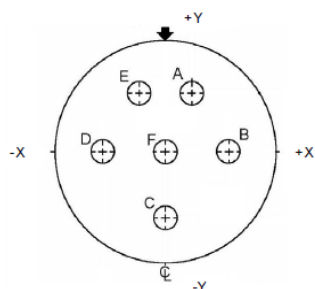
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D517M06PC**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 17-10-2016  | First Release                  |   |
| ISS          | DATE  | Latest modification - by       | MOD N°  |
| Designed By: |   | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b> | <b>Composite Plug 8D series</b>                                     |                                |   |
| SCALE        |   | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
| NA           | <b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a> |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT       | <b>A3</b>   |                                | <b>SOURIAU DRG N° 8D517M06PC-C</b> SHEET 1/2  |

|                |                         |   |   |    |   |    |   |   |                                 |
|----------------|-------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 17 | M | 06 | P | C | ORIENTATION : C                 |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 17-06          |
| SHELL SIZE :   | 17                      |   |   |    |   |    |   |   |                                 |
| PLATING :      | M = Nickel              |   |   |    |   |    |   |   |                                 |

Contact Layout



| Contacts<br>(Insert arrangement 17-6) |             |             |
|---------------------------------------|-------------|-------------|
| Contact position ID                   | Location    |             |
|                                       | X-axis (mm) | Y-axis (mm) |
| A                                     | +121 (3.07) | +209 (5.31) |
| B                                     | +241 (6.12) | +000 (0.00) |
| C                                     | +000 (0.00) | -241 (6.12) |
| D                                     | -241 (6.12) | +000 (0.00) |
| E                                     | -121 (3.07) | +209 (5.31) |
| F                                     | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 17         | -6              | 6                  | 12            | I              | All              | MS20053-6  |

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| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D517M06PC-C</b> |                            | SHEET 2/2   |