

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 without Souriau contacts
- 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: 8D517X20SAL

| | | | |
|---|-------------------------------------|--------------------------------|-------------------------------|
| A | 18-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | | Composite Plug 8D series | |
| SCALE | NA | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
| SOURIAU | | WWW.SOURIAU.COM | |
| This document is the property of SOURIAU it must not be reproduced or communicated without permission | | | |
| FORMAT | SOURIAU DRG N° 8D517X20SAL-C | | SHEET 1/2 |

BASIC SERIES: 8D 5 - 17 X 20 S A L
 SHELL TYPE : Plug with RFI Shielding
 CONTACT TYPE : Standard Crimp Contact
 SHELL SIZE : 17
 PLATING : X = Without Plating

Delivered W/O Contacts
 ORIENTATION : A
 CONTACT TYPE : SOCKET(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 |

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: 8D517X20SAL

| | | | |
|----------------|-------------------------------------|----------------------------|---|
| A | 18-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Composite Plug 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
| SOURIAU | WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | SOURIAU DRG N° 8D517X20SAL-C | | SHEET 2/2 |