



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

| 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: 8D515M97HE

| | | | |
|--------------|------------|--------------------------|-------------------------|
| 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 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° 8D515M97HE-C | | SHEET |
| A3 | | | 1/2 |

BASIC SERIES: 8D 5 - 15 M 97 H E

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 15

PLATING : M = Nickel

ORIENTATION : E

CONTACT TYPE : PIN (1500 Matings)

CONTACT LAYOUT : 15-97

Contacts
(Insert arrangement 15-97)



| Contact position ID | Location | | Contact position ID | Location | |
|---------------------|--------------|--------------|---------------------|--------------|--------------|
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| A | +065 (1.65) | +234 (5.94) | G | -207 (5.26) | -.095 (2.41) |
| B | +178 (4.52) | +178 (4.52) | H | -234 (5.94) | +065 (1.65) |
| C | +230 (5.84) | -.023 (0.58) | J | -178 (4.52) | +178 (4.52) |
| D | +178 (4.52) | -178 (4.52) | K | -.065 (1.65) | +234 (5.94) |
| E | +065 (1.65) | -234 (5.94) | L | -.047 (1.19) | +.081 (2.06) |
| F | -.089 (2.26) | -235 (5.97) | M | +.047 (1.19) | -.081 (2.06) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|--------------------------|------------|
| 15 | -97 | 4 8 | 16 20 | I | C, G, L, M All others | MS20052-97 |

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: 8D515M97HE

| | | | |
|----------------|------------------------------------|--------------------------------|---|
| 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 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° 8D515M97HE-C | | SHEET 2/2 |