

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
- Mass : 29.6 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 41.7 Max |
| Z | 31 Max |
| VV THREAD | M31x1-6g |

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: 8D521X41PBL

| | | | |
|---|-------------------------------------|--------------------------------|-------------------------------|
| A | 11-10-2016 | 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° 8D521X41PBL-C | | SHEET 1/2 |

BASIC SERIES: 8D 5 - 21 X 41 P B L
 SHELL TYPE : Plug with RFI Shielding
 CONTACT TYPE : Standard Crimp Contact
 SHELL SIZE : 21
 PLATING : X = Without Plating

Delivered W/O Contacts
 ORIENTATION : B
 CONTACT TYPE : PIN(500 Matings)
 CONTACT LAYOUT : 21-41

H G F E D C B A

Contact Layout



| Insert arrangement 21-41 | | | | | | |
|--------------------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
| 21 | -41 | 41 | 20 | I | All | MS20055-41 |

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: 8D521X41PBL

| | | | |
|----------------|------------------------------|----------------------------|---|
| A | 11-10-2016 | 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° 8D521X41PBL-C | | SHEET 2/2 |