



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 24.8 g ± 10%

| Connector dimension | |
|---------------------|-----------------|
| Dim | Nominal |
| A | 38.1±0.3 |
| B | 23.82+0.1/-0.15 |
| R | 32.5Max |
| S | 34.9±0.4 |
| W | 2.2+0.9/-0.1 |
| VV THREAD | M18x1-6g |

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.)

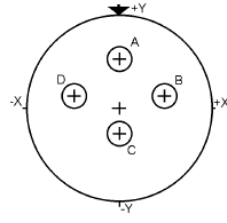
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR | Not Listed |

PN: 8D713F04SBL

| | | | |
|--------------|---|--------------------------------|---|
| A | 28-09-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
| NA | SOURIAU WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | A3 | | SOURIAU DRG N° 8D713F04SBL-C SHEET 1/2 |

| | | | | | | | | | | |
|---------------|--------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES: | 8D | 7 | - | 13 | F | 04 | S | B | L | Delivered W/O Contacts |
| SHELL TYPE | : Jam nut Receptacle | | | | | | | | | ORIENTATION : B |
| CONTACT TYPE | : Standard Crimp Contact | | | | | | | | | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE | : 13 | | | | | | | | | CONTACT LAYOUT : 13-04 |
| PLATING | : F = Nickel | | | | | | | | | |

Contact Layout



| Contacts (Insert arrangement 13-4) | | |
|---------------------------------------|-------------|-------------|
| Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) |
| A | +000 (0.00) | +150 (3.81) |
| B | +146 (3.71) | +035 (0.89) |
| C | +000 (0.00) | -083 (2.11) |
| D | -146 (3.71) | +035 (0.89) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13 | -4 | 4 | 16 | I | All | MS20051-4 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|-----|---------------|
| B | 24.26+0/-0.25 |
| ØC | 25.65+0.25/-0 |

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