



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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours

| Connector dimension | |
|---------------------|-------------|
| Dim | Nominal |
| P | 3.25±0.2 |
| PP | 4.93±0.2 |
| R1 | 23.01 |
| R2 | 20.62 |
| S | 28.6±0.3 |
| V' | 19.5+1.4/-0 |
| W' | 2.1/3.65 |
| Z' | 32 Max |
| 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: 8D013M03SEL

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 15-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

TITLE Composite Receptacle 8D series

| | | | |
|-------|--|--------------------------------|-----------------|
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT |
| NA | | | 859 |

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|-----------|-------------------------------------|--|------------|
| FORMAT | SOURIAU DRG N° 8D013M03SEL-C | | SHEET |
| A3 | | | 1/2 |

BASIC SERIES: 8D 0 - 13 M 03 S E L

SHELL TYPE : Square Flange Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : E

SHELL SIZE : 13 CONTACT TYPE : SOCKET(500 Matings)

PLATING : M = Nickel CONTACT LAYOUT : 13-03

Contact Layout

03



3#16

| 13-03 | | |
|-------|-------|-------|
| Ctc | X | Y |
| A | 2.39 | 1.47 |
| B | 0 | -2.79 |
| C | -2.39 | 1.47 |

Panel Cutout



| Dim | Nominal |
|-----|------------|
| ØA | 23.42 min |
| ØAA | 19.05 min |
| R1 | 23.01 |
| ØT | 3.25 ±0.13 |

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