



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
- Mass : 12.7 g ± 10%

| 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: 8D013M26PEL**

|                |                                       |                                |   |
|----------------|---------------------------------------|--------------------------------|---|
| A              | 15-10-2016                            | First Release                  |   |
| ISS            | DATE                                  | Latest modification - by       | MOD N°  |
| Designed By:   |                                       | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Composite Receptacle 8D series</b> |                                |   |
| SCALE          | NA                                    | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
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| FORMAT         | <b>A3</b>                             |                                | <b>SOURIAU DRG N° 8D013M26PEL-C</b><br>SHEET 1/2  |

BASIC SERIES: 8D 0 - 13 M 26 P E L  
 SHELL TYPE : Square Flange Receptacle  
 CONTACT TYPE : Standard Crimp Contact  
 SHELL SIZE : 13  
 PLATING : M = Nickel

Delivered W/O Contacts  
 ORIENTATION : E  
 CONTACT TYPE : PIN(500 Matings)  
 CONTACT LAYOUT : 13-26

Contact Layout



2#12  
6#22D

| 13-26 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 3.47  |
| B     | 2.47  | 4.34  |
| C     | 2.47  | -4.34 |
| D     | 0     | -3.47 |
| E     | -2.47 | -4.34 |
| F     | -2.47 | 4.34  |
| 1     | 3.25  | 0     |
| 2     | -3.25 | 0     |

Panel Cutout



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

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| FORMAT         | <b>SOURIAU DRG N° 8D013M26PEL-C</b>   |                            | SHEET 2/2   |