



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 43.39 g ± 10%

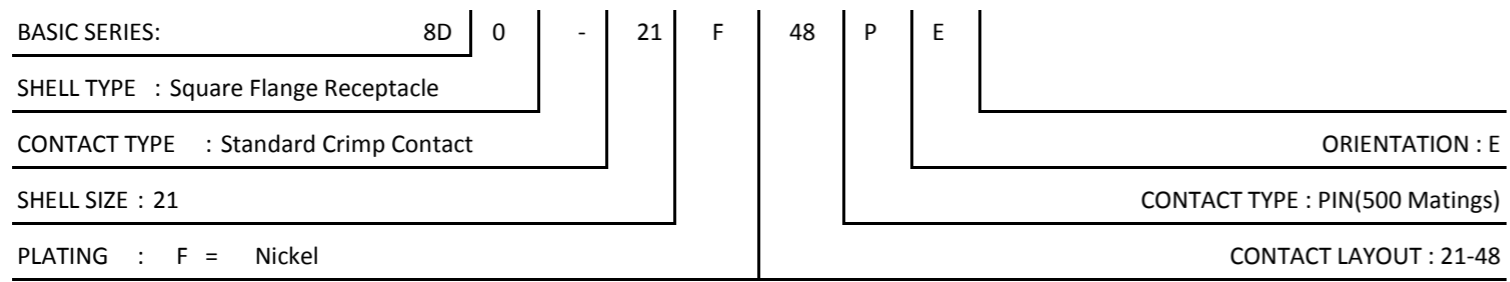
| Connector dimension |               |
|---------------------|---------------|
| Dim                 | Nominal       |
| P                   | 3.25±0.2      |
| PP                  | 4.93±0.2      |
| R1                  | 31.75         |
| R2                  | 29.36         |
| S                   | 39.7±0.3      |
| V                   | 20.07+0/-1.25 |
| W                   | 2.1/3.2       |
| Z                   | 31.5 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: 8D021F48PE**

|                |                                       |                                |   |
|----------------|---------------------------------------|--------------------------------|---|
| A              | 02-11-2016                            | First Release                  |   |
| ISS            | DATE                                  | Latest modification - by       | MOD N°  |
| Designed By:   |                                       | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Aluminium 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° 8D021F48PE-C</b>  |
|                |                                       |                                | SHEET<br>1/2  |

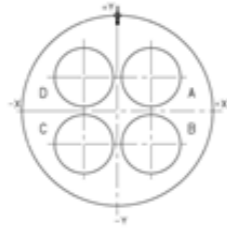


4  
3  
2  
1

4  
3  
2  
1

Contact Layout

**48**



**4#8 Power**

| 21-48 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 4.57  | 4.57  |
| B     | 4.57  | -4.57 |
| C     | -4.57 | -4.57 |
| D     | -4.57 | 4.57  |

Panel Cutout



| Dim | Nominal    |
|-----|------------|
| ØA  | 36.12 min  |
| ØAA | 32.16 min  |
| R1  | 31.75      |
| ØT  | 3.25 ±0.13 |

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| FORMAT         | <b>SOURIAU DRG N° 8D021F48PE-C</b>    |                            | SHEET 2/2   |