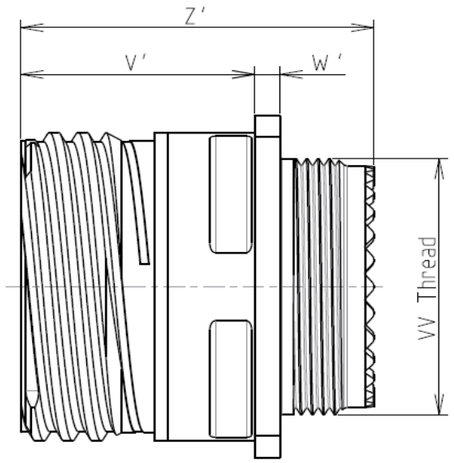
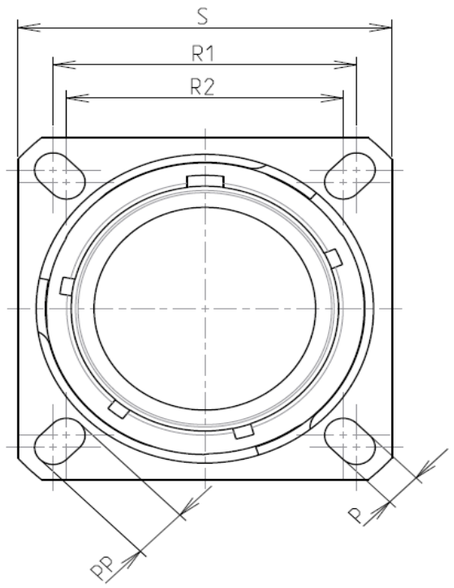
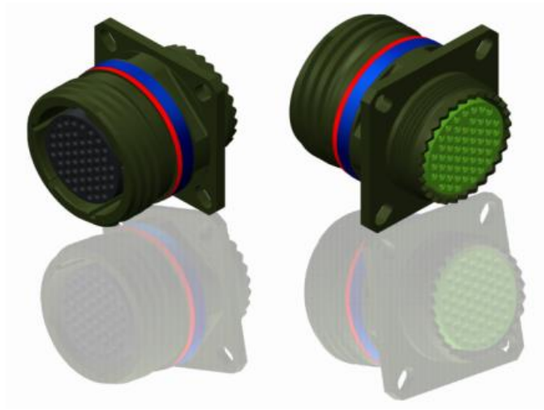



Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Composite
-Shell Plating : Olive drab Cadmium
-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 +175°C
-Salt Spray : 2000 hours
-Mass : 57.7 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' | 18.7+1.4/-0 |
| W' | 2.1/4.35 |
| Z' | 32 Max |
| VV THREAD | M31x1-6g |

| BASIC SERIES: | 8D | 0 | - | 21 | J | 48 | S | E |
|---|---|---|---|---|---|---|---|---|
| SHELL TYPE : Square Flange Receptacle | | | | | | | | |
| CONTACT TYPE : Standard Crimp Contact | | | | | | | | |
| SHELL SIZE : 21 | | | | | | | | |
| PLATING : J = Olive drab Cadmium | | | | | | | | |

ORIENTATION : E
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 21-48

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: 8D021J48SE

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 03-11-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Composite Receptacle 8D series

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

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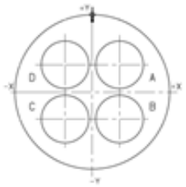
Contact Layout

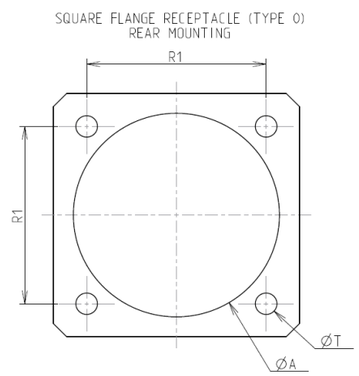
**48**

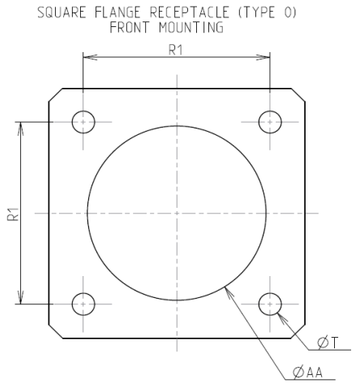



4#8 Power

| 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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**TITLE** Composite Receptacle 8D series

SCALE NA

General linear Tolerances: ±--

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