

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Passivated
- 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 : 500 hours

| Connector dimension | |
|---------------------|----------------|
| Dim | Nominal |
| A | 52.4±0.3 |
| B | 36.5+0.1/-0.15 |
| R | 32.5Max |
| S | 49.2±0.4 |
| W | 3+0.9/-0.1 |
| 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.)

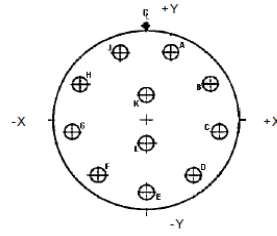
| | |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR | Not Listed |

PN: 8D721K11SE

| | | | |
|----------------|---|--------------------------------|---|
| A | 08-11-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Stainless Steel Receptacle 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | SOURIAU DRG N° 8D721K11SE-C | | SHEET 1/2 |

| | | | | | | | | | |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES: | 8D | 7 | - | 21 | K | 11 | S | E | ORIENTATION : E |
| SHELL TYPE : | Jam nut Receptacle | | | | | | | | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | CONTACT LAYOUT : 21-11 |
| SHELL SIZE : | 21 | | | | | | | | |
| PLATING : | K = Passivated | | | | | | | | |

Contact Layout



| Contacts (Insert arrangement 21-11) | | | | | | |
|--|-------------|-------------|---------------------|-------------|-------------|--|
| Contact position ID | Location | | Contact position ID | Location | | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) | |
| A | +121 (3.07) | +332 (8.43) | G | -348 (8.84) | -061 (1.55) | |
| B | +306 (7.77) | +177 (4.50) | H | -306 (7.77) | +177 (4.50) | |
| C | +348 (8.84) | -061 (1.55) | J | -121 (3.07) | +332 (8.43) | |
| D | +227 (5.77) | -270 (6.86) | K | +000 (0.00) | +123 (3.12) | |
| E | +000 (0.00) | -353 (8.97) | L | +000 (0.00) | -115 (2.92) | |
| F | -227 (5.77) | -270 (6.86) | --- | --- | --- | |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 21 | -11 | 11 | 12 | I | All | MS20055-11 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Max. thickness panel for receptacle: Type 7: 3.2 mm

| Dim | Nominal |
|-----|---------------|
| B | 37.08+0/-0.25 |
| ØC | 38.35+0.25/-0 |

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