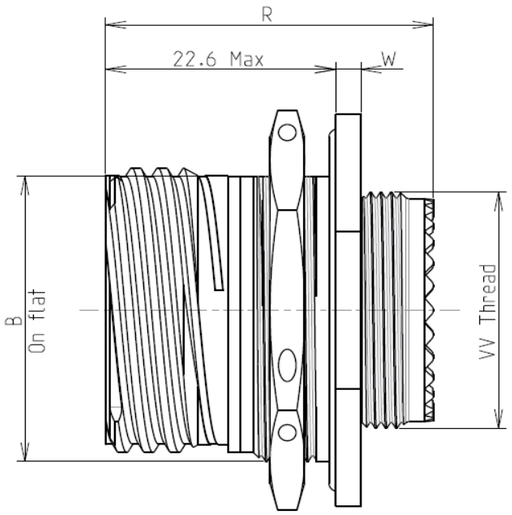
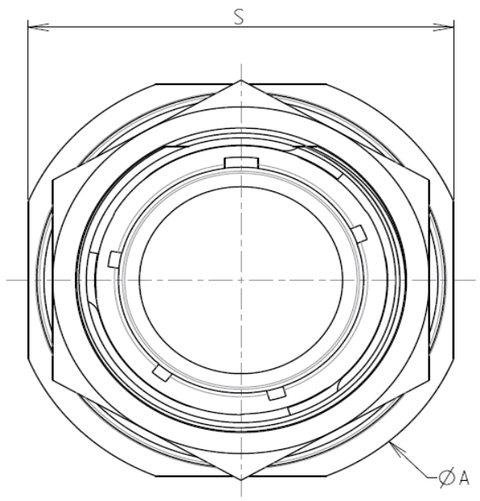
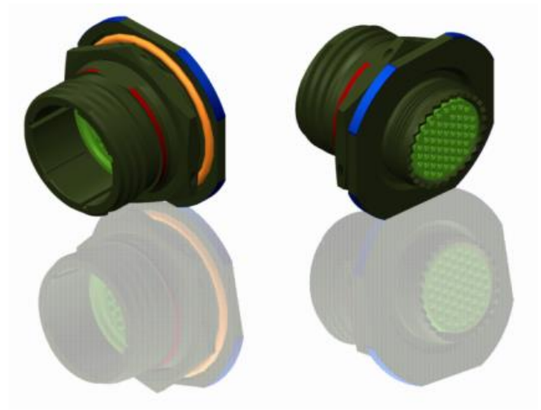



Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Aluminium
-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 : 500 hours
-Mass : 55.27 g ± 10%

| 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 |

| BASIC SERIES: | 8D | 7 | - | 21 | W | 48 | A | N | |
|---|---|---|---|---|---|---|---|---|---|
| SHELL TYPE : Jam nut Receptacle | | | | | | | | | |
| CONTACT TYPE : Standard Crimp Contact | | | | | | | | | ORIENTATION : N |
| SHELL SIZE : 21 | | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| PLATING : W = Olive drab Cadmium | | | | | | | | | 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: 8D721W48AN

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 08-11-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Aluminium Receptacle 8D series

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

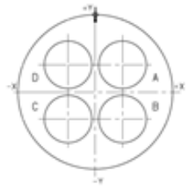
**SOURIAU** WWW.SOURIAU.COM

This document is the property of SOURIAU
it must not be reproduced or communicated without permission

FORMAT A3 | SOURIAU DRG N° 8D721W48AN-C | SHEET 1/2

Contact Layout

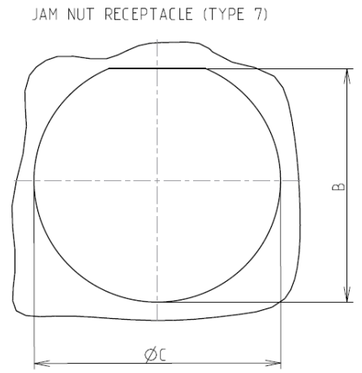
**48**




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




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

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

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: 8D721W48AN

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 08-11-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Aluminium Receptacle 8D series

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

**SOURIAU** WWW.SOURIAU.COM

This document is the property of SOURIAU
it must not be reproduced or communicated without permission

FORMAT A3 | SOURIAU DRG N° 8D721W48AN-C | SHEET 2/2

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## Souriau-Sunbank:

UT0S16JCS UTP14DCG UTS6JC1823P D38999/26JJ24PN UTS08E3P 8MQ2M0412ABE 8MQ2M1220AD D38999/26MJ24PN-LC RM28M1K SC20WL-3S25 SC24ML-1D70 UT061619SH UTGX71419P UTS10DCGE UTS6JC1823S UTSX0128P UTG22PG 8MQ2M01L28ADE 8MQ2M0412RCE 8MQ2M0816BCE UT010LPGN UTGX1JC103P UTL6122G1W5P BIS10PLN0416M SC24WL-3S25 SM16ML-1S6 UTG11412PH 8D525M24PN 8MQ2M0412PB UT001412SH