Keying Shown as example

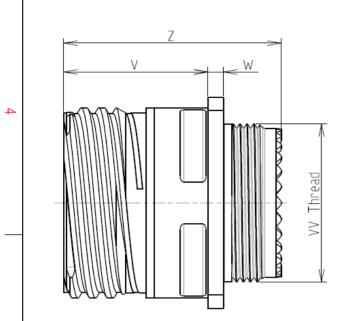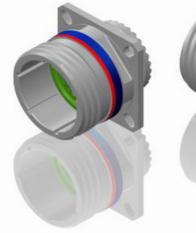LAYOUT SHOWN AS EXAMPLE
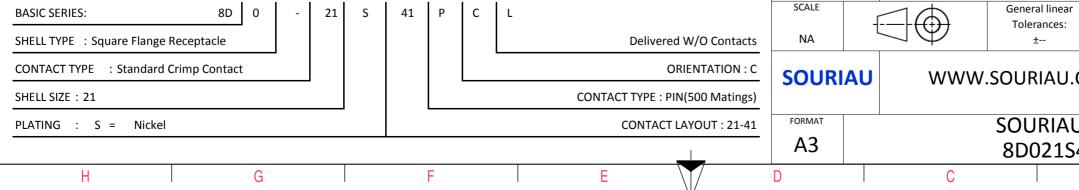
**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material      : Stainless Steel

-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          : 500 hours

-Mass                : 73.37 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: 8D021S41PCL**

| A | 03-11-2016 | 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 |
|---|---|---|---|
| NA | | ±-- | **859** |

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| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| **A3** | 8D021S41PCL-C | 1/2 |

BASIC SERIES:           8D    0    -    21    S    41    P    C    L

SHELL TYPE  : Square Flange Receptacle

CONTACT TYPE    : Standard Crimp Contact

SHELL SIZE : 21

PLATING   :   S =   Nickel

Delivered W/O Contacts

ORIENTATION : C

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-41

Contact Layout

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING



| | Insert arrangement 21-41 | | | | | |
|---|---|---|---|---|---|---|
| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
| 21 | -41 | 41 | 20 | I | All | MS20055-41 |

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

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

PN: 8D021S41PCL

| A | 03-11-2016 | 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 |
|---|---|---|---|
| NA | | ±-- | **859** |

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| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D021S41PCL-C | 2/2 |