R
22.6 Max
W
B On flat
VV Thread

S
∅A

Keying Shown as example

LAYOUT 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 without Souriau contacts

-Temperature Range  : -65°C to +200°C

-Salt Spray         : 500 hours

| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| A | 41.3±0.3 |
| B | 26.97+0.1/-0.15 |
| R | 32.5Max |
| S | 38.1±0.4 |
| W | 2.2+0.9/-0.1 |
| VV THREAD | M22x1-6g |

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: 8D715K15PEL**

| 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** |
|---|---|---|---|
| NA | | | |

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| FORMAT **A3** | SOURIAU DRG N° 8D715K15PEL-C | SHEET 1/2 |
|---|---|---|

BASIC SERIES:          8D 7 - 15 K 15 P E L

SHELL TYPE  : Jam nut Receptacle

CONTACT TYPE    : Standard Crimp Contact

SHELL SIZE : 15

PLATING   :  K =   Passivated

Delivered W/O Contacts

ORIENTATION : E

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 15-15

Contact Layout



| Contacts |
| --- |
| (Insert arrangement 15-15) |

| Contact position ID | Location | | Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| --- | --- | --- | --- | --- | --- |
| A | + .100 (2.54) | + .225 (5.72) | J | - .244 (6.20) | + .014 (0.36) |
| B | + .202 (5.13) | + .140 (3.56) | K | - .202 (5.13) | + .140 (3.56) |
| C | + .244 (6.20) | + .014 (0.36) | L | - .100 (2.54) | + .225 (5.72) |
| D | + .218 (5.54) | - .113 (2.87) | M | + .000 (.00) | + .140 (3.56) |
| E | + .126 (3.20) | - .209 (5.31) | N | + .110 (2.79) | + .040 (1.02) |
| F | + .000 (.00) | - .245 (6.22) | P | + .000 (.00) | - .077 (1.96) |
| G | - .126 (3.20) | - .209 (5.31) | R | - .110 (2.79) | + .040 (1.02) |
| H | - .218 (5.54) | - .113 (2.87) | --- | --- | --- |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
| --- | --- | --- | --- | --- | --- | --- |
| 15 | -15 | 1 | 16 | I | P | MS20052-15 |
| | | 14 | 20 | | All other | |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



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

| Dim | Nominal |
| --- | --- |
| B | 27.56+0/-0.25 |
| ØC | 28.83+0.25/-0 |

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

PN: 8D715K15PEL

| 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 |
| --- | --- | --- | --- |
| NA | | ±-- | **859** |

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| FORMAT | SOURIAU DRG N° | SHEET |
| --- | --- | --- |
| A3 | 8D715K15PEL-C | 2/2 |