R
22.6 Max
W

B On flat

VV Thread

S

Ø A

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

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

-Shell Material   : Aluminium

-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 with Souriau contacts and Accessories

-Temperature Range  :  -65°C to +200°C

-Salt Spray       : 48 hours

| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| A | 55.6±0.3 |
| B | 39.67+0.1/-0.15 |
| R | 32.5Max |
| S | 52.4±0.4 |
| W | 3+0.9/-0.1 |
| VV THREAD | M34x1-6g |

**PN: 8D723F32BN**

| A | 30-09-2016 | First Release | |
|---|---|---|---|
| ISS | DATE | Latest modification - by | MOD N° |

Designed By:       Date:       **CUSTOMER DRAWING**

**TITLE**     Aluminium Receptacle 8D series

SCALE     General linear Tolerances:     NPRDS / PROJECT

NA     ±--     **859**

**SOURIAU**     WWW.SOURIAU.COM

BASIC SERIES:     8D   7   -   23   F   32   B   N

SHELL TYPE  : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 23

PLATING   :   F  =    Nickel

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 23-32

FORMAT     SOURIAU DRG N°     SHEET

**A3**     **8D723F32BN-C**     1/2

## Contact Layout



### Contacts
(Insert arrangement 23-32)

| Contact position ID | Location X-axis (mm) | Location Y-axis (mm) | Contact position ID | Location X-axis (mm) | Location Y-axis (mm) |
|---|---|---|---|---|---|
| A | +.100 (2.54) | +.450 (11.43) | T | +.325 (8.26) | +.025 (0.64) |
| B | +.325 (8.26) | +.325 (8.26) | U | +.300 (7.62) | -.125 (3.18) |
| C | +.425 (10.80) | +.150 (3.81) | V | +.200 (5.08) | -.250 (6.35) |
| D | +.450 (11.43) | -.075 (1.91) | W | +.000 (0.00) | -.300 (7.62) |
| E | +.375 (9.53) | -.275 (6.99) | X | -.200 (5.08) | -.250 (6.35) |
| F | +.200 (5.08) | -.400 (10.16) | Y | -.300 (7.62) | -.125 (3.18) |
| G | +.000 (0.00) | -.450 (11.43) | Z | -.325 (8.26) | +.025 (0.64) |
| H | -.200 (5.08) | -.400 (10.16) | a | -.250 (6.35) | +.175 (4.45) |
| J | -.375 (9.53) | -.275 (6.99) | b | -.150 (3.81) | +.300 (7.62) |
| K | -.450 (11.43) | -.075 (1.91) | c | +.100 (2.54) | +.150 (3.81) |
| L | -.425 (10.80) | +.150 (3.81) | d | +.150 (3.81) | +.000 (0.00) |
| M | -.325 (8.26) | +.325 (8.26) | e | +.075 (1.91) | -.150 (3.81) |
| N | -.100 (2.54) | +.450 (11.43) | f | -.075 (1.91) | -.150 (3.81) |
| P | +.000 (0.00) | +.325 (8.26) | g | -.150 (3.81) | +.000 (0.00) |
| R | +.150 (3.81) | +.300 (7.62) | h | -.100 (2.54) | +.150 (3.81) |
| S | +.250 (6.35) | +.175 (4.45) | J | +.000 (0.00) | +.000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|---|---|---|---|---|---|---|
| 23 | -32 | 32 | 20 | I | All | MS20056-32 |

## Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|---|---|
| B | 40.26+0/-0.25 |
| ØC | 41.53+0.25/-0 |

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

### PN: 8D723F32BN

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 30-09-2016 | First Release | |

Designed By:     Date:     **CUSTOMER DRAWING**

**TITLE**  Aluminium Receptacle 8D series

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

**SOURIAU**     WWW.SOURIAU.COM

| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D723F32BN-C | 2/2 |