Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

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

-Shell Material        : Composite

-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            : 2000 hours
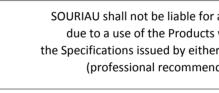
| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| P | 3.25±0.2 |
| PP | 4.93±0.2 |
| R1 | 31.75 |
| R2 | 29.36 |
| S | 39.7±0.3 |
| V' | 18.7+1.4/-0 |
| W' | 2.1/4.35 |
| Z' | 32 Max |
| VV THREAD | M31x1-6g |

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

**PN: 8D021J41HN**

| A | 02-11-2016 | First Release | |
|---|---|---|---|
| ISS | DATE | Latest modification - by | MOD N° |

Designed By:                    Date:              **CUSTOMER DRAWING**

BASIC SERIES:              8D  0  -  21  J  41  H  N

SHELL TYPE   : Square Flange Receptacle

CONTACT TYPE    : Standard Crimp Contact

SHELL SIZE : 21

PLATING   :  J =   Olive drab Cadmium

ORIENTATION : N

CONTACT TYPE : PIN (1500 Matings)

CONTACT LAYOUT : 21-41

**TITLE**     Composite Receptacle 8D series

SCALE

NA

General linear
Tolerances:
±--

NPRDS / PROJECT
**859**

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FORMAT

**A3**

SOURIAU DRG N°
8D021J41HN-C

SHEET

1/2

Contact Layout



| 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 |

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING



| 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: 8D021J41HN

| A | 02-11-2016 | First Release | | |
|-----|------|--------------------------|---|---------|
| ISS | DATE | Latest modification - by | | MOD N° |

Designed By:     Date:     **CUSTOMER DRAWING**

| TITLE | Composite Receptacle 8D series |
|-------|--------------------------------|

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

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| FORMAT | SOURIAU DRG N° | SHEET |
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| A3 | 8D021J41HN-C | 2/2 |