



3

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- 2

Connector dimension

2

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

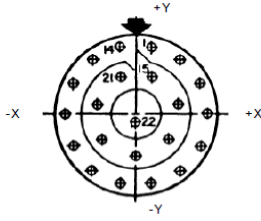
PN: 8D013J35HC

1

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CONTACT TYPE : PIN (1500 Matings)

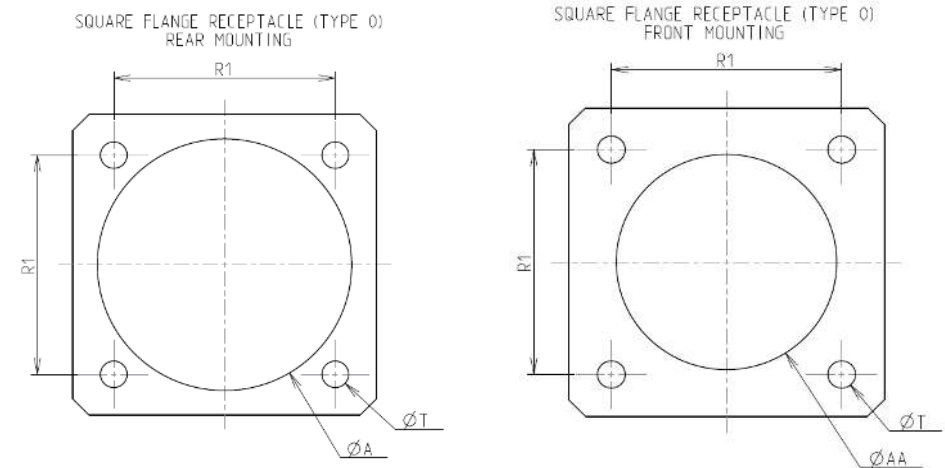
Contact Layout



| Contacts<br>(Insert arrangement 13-35) |             |             |                     |             |             |
|----------------------------------------|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|                                        | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| 1                                      | +045 (1.14) | +197 (5.00) | 12                  | -182 (4.62) | +088 (2.24) |
| 2                                      | +126 (3.20) | +158 (4.01) | 13                  | -126 (3.20) | +158 (4.01) |
| 3                                      | +182 (4.62) | +088 (2.24) | 14                  | -045 (1.14) | +197 (5.00) |
| 4                                      | +203 (5.16) | +000 (0.00) | 15                  | +045 (1.14) | +107 (2.72) |
| 5                                      | +182 (4.62) | -088 (2.24) | 16                  | +117 (2.97) | +026 (0.66) |
| 6                                      | +126 (3.20) | -158 (4.01) | 17                  | +093 (2.36) | -075 (1.91) |
| 7                                      | +045 (1.14) | -197 (5.00) | 18                  | +000 (0.00) | -120 (3.05) |
| 8                                      | -045 (1.14) | -197 (5.00) | 19                  | -093 (2.36) | -075 (1.91) |
| 9                                      | -126 (3.20) | -158 (4.01) | 20                  | -117 (2.97) | +026 (0.66) |
| 10                                     | -182 (4.62) | -088 (2.24) | 21                  | -045 (1.14) | +107 (2.72) |
| 11                                     | -203 (5.16) | +000 (0.00) | 22                  | +000 (0.00) | -030 (0.76) |

| (Applicable to MIL-DTL-38999 only) |                 |                    |               |                |                  |
|------------------------------------|-----------------|--------------------|---------------|----------------|------------------|
| Shell size                         | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location |
| 13                                 | -35             | 22                 | 22D           | M              | All              |
| Supersedes MS27527-35              |                 |                    |               |                |                  |

Panel Cutout

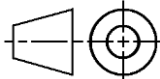


| Dim | Nominal    |
|-----|------------|
| ØA  | 23.42 min  |
| ØAA | 19.05 min  |
| R1  | 23.01      |
| ØT  | 3.25 ±0.13 |

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.)

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|              |                                                                                       |                                |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|--------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 14-10-2016                                                                            | First Release                  |                  |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by       |                  | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                          | CUSTOMER DRAWING |                                                                                                                |
| TITLE        |                                                                                       | Composite Receptacle 8D series |                  |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:  | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | ±--                            | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D013J35HC-C                                                        |                                |                  | SHEET<br>2/2                                                                                                   |