



Contact Layout



(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-47.)

| Contact position ID | Location     |              | Contact position ID | Location     |              |
|---------------------|--------------|--------------|---------------------|--------------|--------------|
|                     | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm)  | Y-axis (mm)  |
| A                   | +065 (1.65)  | +533 (13.54) | a                   | +404 (10.26) | +125 (3.18)  |
| B                   | +275 (6.99)  | +466 (11.84) | b                   | +437 (11.10) | +000 (0.00)  |
| C                   | +420 (10.67) | +337 (8.56)  | c                   | +404 (10.26) | -125 (3.18)  |
| D                   | +490 (12.45) | +227 (5.77)  | d                   | +314 (7.98)  | -221 (5.61)  |
| E                   | +531 (13.49) | +093 (2.36)  | e                   | +245 (6.22)  | -337 (8.56)  |
| F                   | +531 (13.49) | -093 (2.36)  | f                   | +136 (3.45)  | -424 (10.77) |
| G                   | +490 (12.45) | -227 (5.77)  | g                   | +000 (0.00)  | -395 (10.03) |
| H                   | +420 (10.67) | -337 (8.56)  | h                   | -136 (3.45)  | -424 (10.77) |
| J                   | +275 (6.99)  | -466 (11.84) | j                   | -245 (6.22)  | -337 (8.56)  |
| K                   | +065 (1.65)  | -533 (13.54) | m                   | -314 (7.98)  | -221 (5.61)  |
| L                   | -065 (1.65)  | -533 (13.54) | n                   | -404 (10.26) | -125 (3.18)  |
| M                   | -275 (6.99)  | -466 (11.84) | p                   | -437 (11.10) | +000 (0.00)  |
| N                   | -420 (10.67) | -337 (8.56)  | q                   | -404 (10.26) | +125 (3.18)  |
| P                   | -490 (12.45) | -227 (5.77)  | r                   | -314 (7.98)  | +221 (5.61)  |
| R                   | -531 (13.49) | -093 (2.36)  | s                   | -245 (6.22)  | +337 (8.56)  |
| S                   | -531 (13.49) | +093 (2.36)  | t                   | -136 (3.45)  | +424 (10.77) |
| T                   | -490 (12.45) | +227 (5.77)  | u                   | +000 (0.00)  | +395 (10.03) |
| U                   | -420 (10.67) | +337 (8.56)  | v                   | +097 (2.46)  | +265 (6.73)  |
| V                   | -275 (6.99)  | +466 (11.84) | w                   | +180 (4.57)  | +000 (0.00)  |
| W                   | -065 (1.65)  | +533 (13.54) | x                   | +097 (2.46)  | -265 (6.73)  |
| X                   | +136 (3.45)  | +424 (10.77) | y                   | -097 (2.46)  | -265 (6.73)  |
| Y                   | +245 (6.22)  | +337 (8.56)  | z                   | -180 (4.57)  | +000 (0.00)  |
| Z                   | +314 (7.98)  | +221 (5.61)  | AA                  | -097 (2.46)  | +265 (6.73)  |

| Shell size | Arrangement no. | Number of contacts | Size contacts   | Service rating | Contact location | Standard contact |               |               |
|------------|-----------------|--------------------|-----------------|----------------|------------------|------------------|---------------|---------------|
|            |                 |                    |                 |                |                  | Pin              | Socket        |               |
| 25         | -46             | 2                  | 8 (see note 16) | Coax           | z, w             | M39029/60-367    | M39029/59-366 |               |
|            |                 | 4                  |                 |                |                  | AA, v, x, y      | M39029/58-364 | M39029/56-352 |
|            |                 | 40                 |                 |                |                  | All others       | M39029/58-363 | M39029/56-351 |

Panel Cutout



| Dim | Nominal    |
|-----|------------|
| ØA  | 42.47 min  |
| ØAA | 37.69 min  |
| R1  | 38.1       |
| ØT  | 3.81 ±0.13 |

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

PN: 8D025F46AC

|                |                                    |   |                               |
|----------------|------------------------------------|---|-------------------------------|
| A              | 07-10-2016                         | First Release   |                               |
| ISS            | DATE                               | Latest modification - by  | MOD N°                        |
| Designed By:   |                                    | Date:   | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>   | Aluminium Receptacle 8D series     |   |                               |
| SCALE          |                                    | General linear Tolerances: ±--  | NPRDS / PROJECT<br><b>859</b> |
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