

H G F E D C B A

4
3
2
1

4
3
2
1



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 +175°C
- Salt Spray : 2000 hours
- Mass : 25.9 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 35.7 Max |
| Z | 31 Max |
| VV THREAD | M25x1-6g |

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: 8D517X26SCL

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 18-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

TITLE Composite Plug 8D series

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

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|-----------|-------------------------------------|--|------------|
| FORMAT | SOURIAU DRG N° 8D517X26SCL-C | | SHEET |
| A3 | | | 1/2 |

BASIC SERIES: 8D 5 - 17 X 26 S C L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

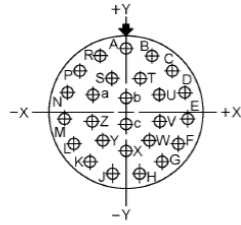
CONTACT TYPE : Standard Crimp Contact ORIENTATION : C

SHELL SIZE : 17 CONTACT TYPE : SOCKET(500 Matings)

PLATING : X = Without Plating CONTACT LAYOUT : 17-26

H G F E D C B A

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Contact Layout



| Contacts (Insert arrangement 17-26) | | | | | |
|--|------------------|-------------|---------------------|------------------|-------------|
| Contact position ID | Contact location | | Contact position ID | Contact location | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| A | +000 (0.00) | +321 (8.15) | P | -239 (6.07) | +214 (5.44) |
| B | +131 (3.33) | +293 (7.44) | R | -131 (3.33) | +293 (7.44) |
| C | +239 (6.07) | +214 (5.44) | S | -070 (1.78) | +177 (4.50) |
| D | +305 (7.75) | +099 (2.51) | T | +070 (1.78) | +177 (4.50) |
| E | +319 (8.10) | -034 (0.86) | U | +175 (4.45) | +094 (2.39) |
| F | +278 (7.06) | -161 (4.09) | V | +178 (4.52) | -036 (0.91) |
| G | +189 (4.80) | -260 (6.60) | W | +119 (3.02) | -151 (3.84) |
| H | +067 (1.70) | -314 (7.98) | X | +000 (0.00) | -203 (5.16) |
| J | -067 (1.70) | -314 (7.98) | Y | -119 (3.02) | -151 (3.84) |
| K | -189 (4.80) | -260 (6.60) | Z | -178 (4.52) | -036 (0.91) |
| L | -278 (7.06) | -161 (4.09) | a | -175 (4.45) | +094 (2.39) |
| M | -319 (8.10) | -034 (0.86) | b | +000 (0.00) | +065 (1.65) |
| N | -305 (7.75) | +099 (2.51) | c | +000 (0.00) | -065 (1.65) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact position ID | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|---------------------|------------|
| 17 | -26 | 26 | 20 | I | All | MS20053-26 |

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