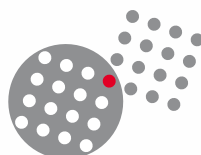




# 8D Series

## MIL-DTL-38999 Series III



**SOURIAU**  
Connection Technology



# 8D Series - MIL-DTL-38999 Series III

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# 8D Series - MIL-DTL-38999 Series III

## MIL-DTL-38999: A universal product platform



### Series I: 8LT Series

- ▶ High density (#22D) MIL-spec circular (1980's)
- ▶ Scoop proof
- ▶ Coupling system: Bayonet
- ▶ Method of mounting: screws or jam nut
- ▶ Shell: Aluminum alloy
- ▶ Plating: olive green cadmium or nickel
- ▶ QPL approved
- ▶ Numerous layouts



### Series I.5: 8ST Series

- ▶ High density - same layouts as 38999 Series I
- ▶ Lightweight version of Series I
- ▶ Scoop proof, bayonet coupling
- ▶ Method of mounting: screws or jam nut
- ▶ Shell: Aluminum alloy
- ▶ Plating: olive green cadmium or nickel
- ▶ VG 96912 German specification
- ▶ JN 1003 Typhoon specification



### Series II: 8T Series

- ▶ Short version of MIL-DTL-38999 Series I
- ▶ Low profile = lightweight
- ▶ High density MIL-spec circular (1980's)
- ▶ Non-scoop proof, bayonet coupling
- ▶ Method of mounting: screws or jam nut
- ▶ Shell: Aluminum alloy
- ▶ Plating: olive green cadmium, nickel, hard anodized
- ▶ QPL approved
- ▶ Numerous layouts

# 8D Series - MIL-DTL-38999 Series III



## 8D Series - Presentation

### 38999 Series III: 8D Series

Since the early 80's, Souriau is a major supplier of 38999 Series III, the screw-coupled version of MIL-C-38999. Present on the main international programs, Souriau has developed a range of products that meet the performance required in extreme environments:

- Civil and military aeronautics
- Ground military
- Industrial
- Marine and offshore

**This evolution of MIL-C-38999 allows:**

- A high contact density up to 128 contacts #22D
- A quick screw coupling with self locking mechanism
- High resistance to harsh environments (vibration, 200°C)

**Always at the cutting edge of innovation, Souriau's teams have continuously improved this range of connectors:**

- Composite version in the 90's (Its choice is recommended wherever weight is critical)
  - Titanium version for weight saving and very high and mechanical resistance
  - Today Souriau remains innovative with cadmium free and RoHS solutions.
- In 2009 Souriau was the first to be QPL qualified for Zinc Nickel plating.

**This product family is in accordance with MIL-DTL-38999 Series III, EN 3645, CECC (standard for bronze shell), ... and also meets many customers' standards (Rolls Royce, ABS, BACC, ...)**