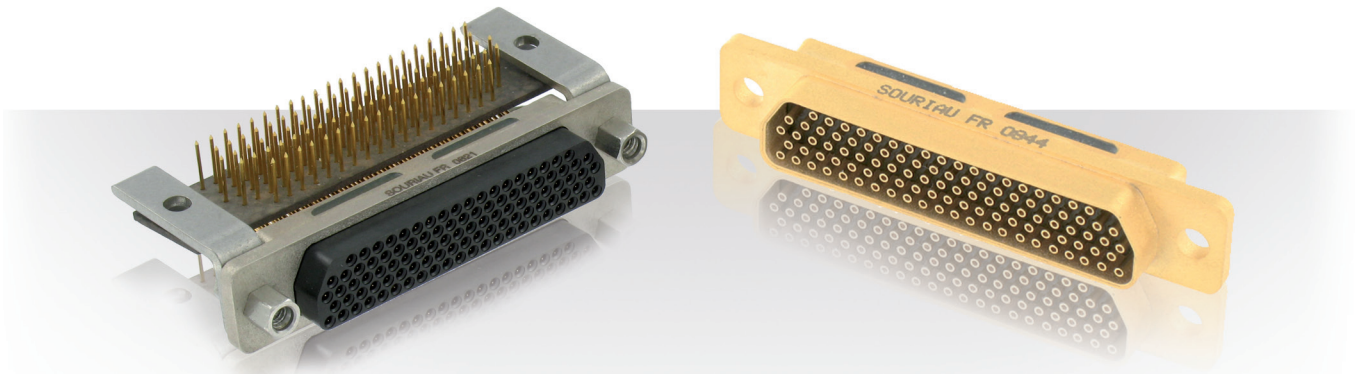


# microComp® Series

## 104 contacts (size J)



## Composite miniature high density

microComp layouts 7, 25, 51 and now 104 are available with crimp removable contacts (AWG 24 to 28), straight and 90° spills (PC tails).

To replace HD DSub



Save up to :

- 65% in weight (composite shell)
- 36% in size (high density)

To replace microD



- Removable crimp contacts = more flexibility
- Up to 28% lighter
- Short lead time

For SPACE applications



- On ESA/ESCC preferred part list
- Already mounted on satellites

For MIL AERO applications

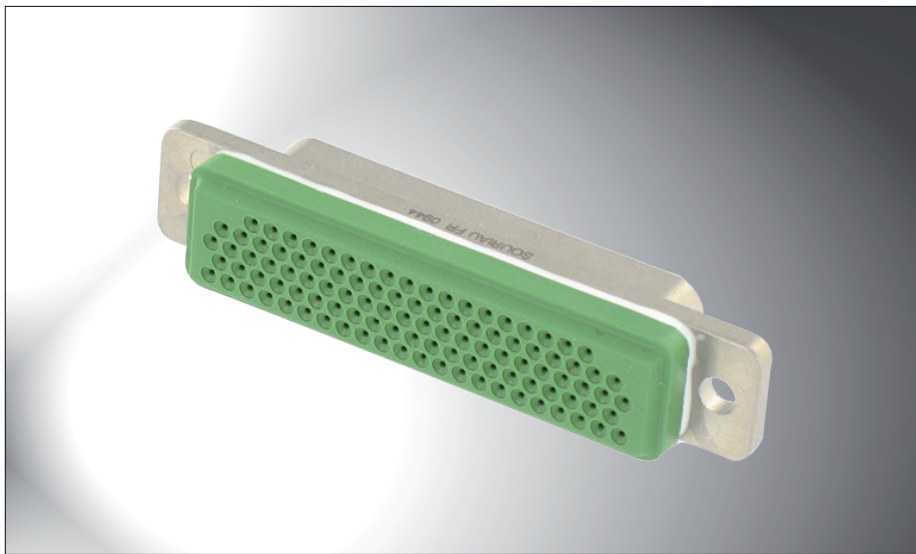


- Vibration: 44g random 8h/axis
- Shock: 50g
- Ethernet capability
- Sealed version available



**SOURIAU**  
Connection Technology

# microComp 104 contacts (size J)



## Typical applications

### Space:

- Satellites equipment
- Engine test benches
- Launcher instrumentation

### MIL-Aero:

- Radar
- Engine Control Unit
- Missiles
- Flight test equipment
- Data acquisition equipment
- Cockpit equipment & Avionics

For satellites, UAV, civil & military aircraft and rotorcraft, missile, Formula 1...

## Technical features

### Main technical features:

- Pitch = 2 mm
- Admissible wire Gauge: AWG 24, 26, 28
- Current rating: 2.5 Amps
- Operating temperature: -55°C to +175°C
- High vibration and shock withstanding
- 500 mating/unmating operations
- Contact resistance: < 5mΩ
- Insulation resistance: > 5000 MΩ at 500 VDC

### Material and finishes:

- Shell: composite
- Shell plating: Ni or Au
- Contact: copper
- Contact plating: 1.27 μ Au
- Insulator: thermoplastic
- Seal: silicone rubber

### On ESA / ESCC preferred part list

#### Space grade version

- Non outgassing
- Non magnetic (composite version)

#### ESA / ESCC specifications available on line:

<https://escies.org/escs/specifications/3401081.pdf>

<https://escies.org/escs/specifications/3401082.pdf>

<https://escies.org/escs/specifications/3401083.pdf>

<https://escies.org/escs/specifications/3401084.pdf>

For further information, visit our website [www.souriau.com](http://www.souriau.com)  
or contact us at [microcomp@souriau.com](mailto:microcomp@souriau.com)