

Environment-Friendly Solutions



Features & Benefits

- . Thanks to its control of the processes of plating (Nickel, Zinc Nickel) Souriau can certify optimal **environment-friendly** performances.
- . Souriau is **ISO 14001** since 2001.
- . **Connectors RoHS Compliant:**
 - Cadmium free
 - Chromium 6: 20 times lower than allowed level
- . Recommended use:
 - **Zinc Nickel plating:** applications in high corrosive environment or in replacement of cadmium. Zinc Nickel plating will be included in the next release of MIL-DTL-38999 (june 08) as recommended RoHS solution alternative to cadmium.
 - **Zinc Cobalt plating:** applications requiring drab olive colour. Solution chosen by the British army.
 - **Nickel plating:** applications not requiring high corrosion resistance. Solution already included in the MIL-DTL-38999 standard.
- . **Mating cycle: 500 minimum**
- . Temperature up to **200° C**
- . Platings **compatible** with shells plating **cadmium** and **nickel** (without corrosion or electrochemical erosion)

Applications



Typical applications for 38999 Serie III aluminum connectors are **military equipments, aeronautics, ...**

Technical Characteristics

	Zinc nickel	Zinc Cobalt	Nickel
Color	Black (not reflective)	Drab olive (not reflective)	Shiny
Shell continuity	2.5 mΩ	2.5 mΩ	1 mΩ
Salt spray	500 Hours	250 Hours	48 Hours