



Military/Space Compliance

Ulti-Mate Connector Inc. manufactures product that meets military and space compliance requirements.

For military use:

- 1) Connector shells are either cadmium with yellow chromate conversion plated, nickel plated, black cad plated, zinc nickel plated, or olive drab cad plated. Also, stainless steel shells are available.
- 2) Pure tin is not used on electroplated or hot dip solder. A minimum of 3% lead is used (typically 60/40 tin lead or 63/37 tin lead) for wire leads.
- 3) Soldering is performed in compliance IPC/EIA J-STD-001

For space use:

- 1) Connector shells are always nickel plated.
- 2) Pure tin or tin/lead wire leads are available.
- 3) Soldering is performed in compliance with IPC/EIA J-STD-001
- 4) Outgassing of materials is tested per ASTM E595 and meet the 1.0% TML and 0.1% CVCM requirement.