

SIC

Small Inline Connector



As a trusted leader in the aerospace industry, Radiall presents the SIC, a certified, compact, sealed and shielded 2-pin inline connector engineered to simplify harness creation, installation and modification. Designed specifically for aerospace OEMs, MROs and aircraft manufacturers, the SIC connector enables efficient EWIS harness repairs and modifications while maintaining full airworthiness compliance.

Radiall's SIC connector is a compact, sealed and shielded inline solution that enables quick, certified wire-to-wire modifications without the need to redesign the entire harness. Its crimped design offers superior EMI protection and provides a safer, more reliable alternative to traditional splices.

Weighing only 20 g, the SIC is a fully qualified wire-to-wire solution offering more than a basic splice.

KEY BENEFITS

- Greater flexibility and reliability compared to soldering
- Eliminates time-consuming and high-risk soldering on harnesses

The crimped outer shell ensures complete EMI shielding and environmental sealing.



The SIC connector is designed for aerospace OEMs, MROs, and aircraft manufacturers who need to modify or repair EWIS harnesses without compromising airworthiness.

- 2 sealed pin contacts inside a 12 mm diameter connector
- For standard 38999 contacts #16 / #20 / #22
- For cables gauge 24 to 16
- 360 degrees shielding and conductivity all along the line
- Six codings available per size
- Temperature range: -65 °C / +150 °C
- Vibration: 17 g
- Protected against lightning strikes
- Durability: 50 cycles
- Protected against fluids and flammability
- Dielectric Withstanding Voltage (DWV): 1500 VAC at sea level and after altitude immersion 25000 feet (EIA-354-03)

FEATURES & BENEFITS

- *Removable*
- *Certified*
- *Crimped*
- *Compatible with shielded cables*
- *High EMI shielding level*

APPLICATIONS

- *Modify or repair EWIS harnesses*
- *Specific platforms can be designed on demand for specific integration needs (Example: Docking platform)*