



FOR IMMEDIATE RELEASE

Small Inline Connector Series

November 2025 — Radiall, a leader in the aerospace industry, proudly announces the launch of its newest innovation: the SIC (Small Inline Connector), a fully qualified wire-to-wire solution designed to simplify and improve harness creation, installation and modification.

Weighing only 20 grams, the Radiall SIC delivers far more than a simple splice. Its crimp contact technology provides flexibility and reliability compared to soldering, while eliminating the long and risky soldering process often required on harnesses. The crimped outer body ensures complete EMI shielding and sealing, making it an ideal solution for critical aerospace applications.

Features & Benefits

- Certified, removable and crimped design
- Compatible with shielded cables
- High EMI shielding level
- Two sealed pin contacts inside a compact 12 mm diameter connector
- Supports standard 389999 contacts #16, #20 and #22
- Accepts cable gauges from 24 to 16
- 360° shielding and conductivity throughout the line
- Six available codings per size
- Operates within a temperature range of -65°C to +150°C
- Vibration resistance up to 17g
- Lightning strike protection
- Durability up to 50 cycles
- Resistant to fluids to and flammability
- Dielectric Withstand Voltage: 1500 VAC at sea level and after immersion at 25,000 feet (EIA-354-03)

The SIC connector is specifically designed for aerospace OEMs, MROs and aircraft manufacturers who require a reliable solution for modifying or repairing EWIS (Electrical Wiring Interconnection System) harnesses without compromising airworthiness. In addition, Radiall can design specific platforms on demand, such as docking platforms, to support unique integration needs. With its robust performance, compact form factor and certified design, the SIC connector sets a new standard in inline connectivity for the aerospace industry.

For more information on Radiall's SIC Range, please contact a Radiall sales representative or visit www.radiall.com.

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