

Transient Survival Filtered Circular Connector

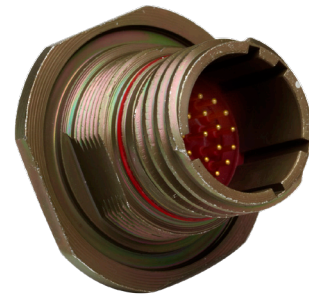
Meets DO-Required Specifications for Lightning Protection for Aircraft

Features

- Filtered connector that meets the standards for RTCA/DO-160 section 22 lightning requirements
- Withstand very high voltage surges for airborne equipment
- Provides increased safety, system capacity, and overall efficiency
- Custom designs available

Applications

- Commercial aerospace
- Military avionics
- Wireless communications
- Electronic warfare
- Ground/air weapons systems



APITech offers filtered circular connectors that meet the standards for RTCA/DO-160 Level 4 (1,500 voltage transient). These connectors can withstand very high voltage surges for airborne equipment and have selective load options with consistent pin-to-pin performance. The connectors provide increased safety, system capacity, and overall efficiency.

Available in custom and value-added designs, APITech's circular connectors can be specified to meet a variety of size, shape, filtering, or material requirements, including MIL-DTL-38999, MIL-DTL-26482, MIL-DTL-55116, MIL-PRF-15733, and MIL-DTL-83723. Value-added services include adding wires terminated or unterminated to all lines or only selected lines, twisted pairs, and labeling of wires for easy placement in a system.

In addition, we can accommodate your quick-turn schedule for prototyping by adding either planar or tubular capacitor filtering to the rear of a standard connector.

APITech's filtered EMI connector offerings are fully vertically integrated and manufactured in the USA. Components including capacitors and shells are manufactured by APITech's State College, PA facility, providing our customers with high-quality parts at very competitive prices, with the industry's shortest lead times.