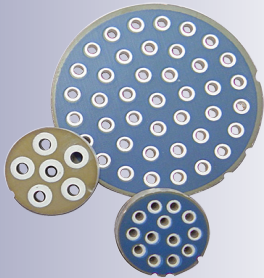




Military/Industrial Filtered Circular Connectors

API Tech offers custom circular connectors in EMI filtered or unfiltered styles, including military standards. Our filtered compact shell connectors provide an effective filtering device that reduces the amount of real estate required within a product enclosure. Using our expertise in EMI filter design and manufacturing, we offer planar-style filtered arrays, available in C and Pi circuits up to 200nF in most configurations. Other filter circuits including transient protection are available.

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

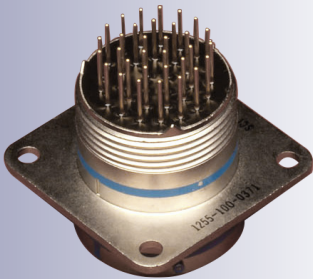


Ceramic Capacitor Capabilities

- Multilayered capacitors designed and manufactured in the USA
- Vertical integration facilitates the industry's shortest lead times for our connectors
- Integral piece making these high performance connectors extremely reliable
- Custom packaging to suit end-user needs
- Custom and standard designs available



Made in the USA

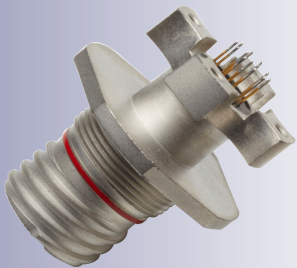


Transient Survival - RTCA/DO-160 Level 4

- Meets standards for RTCA/DO-160 Level 4 (1,500 voltage transient)
- Withstand very high voltage surges for airborne equipment
- Selective load options with consistent pin-to-pin performance
- Provides increased safety, system capacity, and overall efficiency
- Custom designs available



Made in the USA



Composite Shell

- Rugged and durable for weight-sensitive applications
- Designed to displace traditional metal connector shells for substantial weight reduction
- Custom mechanical variations may be provided without usual tooling charges
- Circular connectors in MIL-38999 series III and IV, available EMI filtered or unfiltered
- Nickel and cadmium plating available
- Custom designs available



Made in the USA



Black Nickel Zinc Plating

- Resistant to corrosion and maintain electrical conductivity while reducing reflectivity on the surface (500 hours salt)
- Approved for MIL-DTL-38999 and other standard MIL configurations
- Maintains the mechanical integrity of plated connectors and will not require new drawings, tooling, or gauges
- RoHS compliant (replacement for cadmium plated connectors)
- Custom designs available



Made in the USA

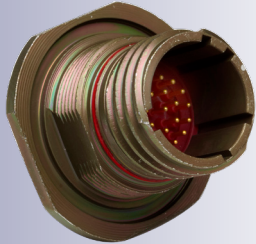


Hermetically Sealed Shell

- Glass-sealed connectors built to protect against changes in atmospheric pressure and exposure to humidity, grime, and chemicals
- Ideal for aerospace engine control, hydraulic, and caustic environments where harsh conditions exist
- Withstand low to high pressures and altitude seen in defense and aerospace applications
- Ruggedized protection of EMI circuits
- Available EMI filtered or unfiltered versions
- Custom designs available



Made in the USA

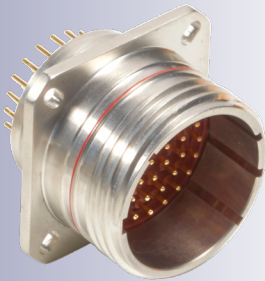


Aluminum Alloy Shell

- High-grade aluminum
- Durable, but lightweight for high performance
- Environmentally sealed for harsh environment applications
- Designed to withstand high vibrations and temperatures
- MIL-DTL-38999
- Cadmium and nickel plating available
- Custom designs available



Made in the USA



Stainless Steel Shell

- Built to operate in highly corrosive and damp environments
- Premium grade stainless steel
- Superior strength of stainless steel for the highest level of durability
- Designed to seal electrical connections against elements including water, oil, chemicals, dust and dirt
- Custom designs available



Made in the USA



Filtered Audio Connectors

- Easy retrofit or upgrade without concern for space availability
- Standardized design for most contact arrangements minimizes tooling required (often none)
- Reduced procurement costs and small order quantities or prototypes
- PC tail or solder cup terminations



Made in the USA



Filtered Connectors Conformed to the Requirements of the Following Military Specifications:

- MIL-DTL-38999
- MIL-DTL-55116
- MIL-DTL-83723
- MIL-DTL-24308
- MIL-DTL-26482
- MIL-DTL-5015

APITech's customers benefit from unparalleled engineering and industry expertise. We provide complete standard and custom solutions in a timely manner. Our in-house machining, state-of-the-art engineering, and technology integration provide for rapid turn-around from prototype to production.

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