

# CONNECTORS & BACKSHELLS









Interconnect Specialists™



The A.E. Petsche Company offers a comprehensive range of connector and backshell products. Off-the-shelf connectors include: military and OEM specifications in a wide variety of configurations including Circular, Rectangular, ARINC, and RF configurations. The company operates a state-of-the-art Class C connector assembly operation to insure timely delivery and a consistently high quality product.

## Connectors

A.E. Petsche Company custom assembles a wide range of connector types. The company maintains one of the industry's largest offerings of Qualified Product Listed (QPL) and military approved high-performance connector products.

 <p><b>Circular</b> A.E. Petsche Company maintains a large inventory of circular connector components, including Metallic and Composite types.</p>	 <p><b>Rectangular</b> A.E. Petsche Company offers a wide range of the latest rectangular connector types, including many high density variants.</p>	 <p><b>ARINC</b> A.E. Petsche Company offers both ARINC 600 and 400 variants for high-performance applications.</p>	 <p><b>RF</b> A.E. Petsche Company provides virtually any RF connector type. Products for Semi rigid cable and Microwave System applications are available.</p>	 <p><b>Backshells &amp; Accessories</b> In addition to its connector products, A.E. Petsche Company supplies backshells and connector accessories from the world's leading manufacturer.</p>
 <p><b>D Sub's &amp; Micro D's</b> A.E. Petsche Company offers a wide variety of these connectors with standard or high density pin or socket call outs, mixed power and signal, hermetic, or customized products.</p>	 <p><b>Fiber</b> A.E. Petsche Company has a full offering of components that will allow you to finish your Fiber Optic assembly. These include 38999 connectors, Mil-T-29504 terminals and backshells.</p>	 <p><b>Contacts</b> A.E. Petsche Company stocks a complete range of Military Standard and specialized contact variations. Contacts are available for most any connector series or family from Circular to Rectangular.</p>	 <p><b>Terminals</b> A.E. Petsche Company carries the widest variety of terminals. These parts can support wire and cable sizes from 26 AWG to 4/0 AWG.</p>	 <p><b>Micro Circular</b> If you are looking for a D38999 layout in a smaller package size, A.E. Petsche Company has the products for you. This product range includes environmentally sealed, submersible to 2500 PSI Hermetic and Coaxial options.</p>





## Connector Related Services and Support

A.E. Petsche provides a complete distributor solution for all your interconnect product needs. Developed to meet the stringent requirements of the military, aviation and aerospace industries, the A.E. Petsche connector services and support systems meet or exceed globally recognized certification requirements including AS9100, ISO standards and DSCC government certifications.



Detail Assembly & Inspection



Extensive Inventory



Kitting

### Connector Assembly

As a Class C value-added connector assembly distributor, A.E. Petsche Company can customize a wide range of connector types in-house, from stock. Utilizing the latest in assembly equipment technologies and proprietary assembly techniques, A.E. Petsche continues to invest in and improve operations in order to deliver the highest quality and value in connector distribution.

### Component And Finished Goods Inventory

With one of the industries largest component inventories, A.E. Petsche is able to deliver unique interconnect configurations on demand. Componentry and finished goods can be “reserved” as part of a comprehensive inventory management program. For a complete list of parts visit [www.aepetsche.com](http://www.aepetsche.com).

### Quick Turn Assembly

Through a combination of state-of-the-art production facilities and extensive inventory depth, military and industrial standards can often be produced and shipped in less than three days. Utilizing customer specified airfreight carriers and counter-to-counter airline freight carriers, A.E. Petsche can help ensure timely and accurate fulfillment.

### Custom Design

Unique to A.E. Petsche is its industry expertise and technical know-how. The company's on-staff engineering department can translate requirements to a detailed product specification sheet. Custom design includes shell designs, insert arrangements and inserts, environmental sealing, filtering capabilities for sensitive EMI/RFI applications as well as special contact designs for printed circuit boards, quadax, fiber optic, coaxial, triaxial and high power applications.

### Technical Support

A.E. Petsche Company routinely provides its customers with technical support. On-staff engineers provide customers expert advice and consultation on product design, part number identification and new product selection. A.E. Petsche Company's engineering team provides need-to-know technical information allowing customers to make “best value” choices in their interconnect product selections and application solutions.

### In Depth Range of Product Offering

Military/Aerospace, Industrial Applications, Space, Aviation and Commercial interconnects are available through franchised manufacturers of the product types and carry full warranty and certifications. Through these franchised supply sources all variations of interconnects are available, circular, rectangular, ARINC, Micro and standard D-subminiatures, RF types.

### Kitting Capabilities

Utilizing proprietary software A.E. Petsche can create custom harness or application kits. These specialized kits can include all customer specified materials required to build an entire wiring harness or ‘ship set’ of products required for installation in an application.