



Glenair Series 806 connectors offering significant size and weight savings can now be sourced through Powell Electronics

April 2024: In stock at [Powell Electronics](#), the supplier of connectors and more for high-rel applications including defense, aerospace and industrial, are Series 806 Mil-Aero connectors from Glenair. The products offer significant size and weight savings while meeting key performance benchmarks for a broad range of applications such as commercial and military aerospace, industrial robotics, transportation systems and more.

Designed for use in harsh vibration, shock, and environmental settings — as well as high-altitude, unpressurized aircraft zones with aggressive voltage ratings and altitude immersion standards, Series 806 connectors feature numerous mechanical design innovations including durable mechanical insert retention, radial seals and triple-ripple grommet seals. The reduced thread pitch and re-engineered ratchet prevents decoupling problems which solves one of the major problems of shell size 9 and 11 MIL-DTL-38999 Series III connectors.

Glenair Series 806 Mil-Aero connectors feature size 22HD and 20HD contacts as well as size 8 power and high speed EI Ochito[®], quadrax, and fiber optic options. The devices offer up to twice the number of contacts with no reduction in performance. Independent laboratory testing has demonstrated that the connectors meet, and in many cases even exceed, the requirements of the MIL-DTL-38999 specification. A “top hat” insulator with raised bosses ensures foolproof alignment of insulator cavities. An O-ring radial interface sealing design instead of a flat gasket allows for easier metal-to-metal coupling, improved sealing, and better EMI performance.

For further info please visit: [The Glenair Page of Powell's Website](#)

About Powell Electronics

Powell Electronics is a specialist at high reliability, harsh environment connector design, manufacturing and supply chain. In the USA, Powell has 70,000 square feet of connector manufacturing capabilities at its Swedesboro, NJ facility, which is certified to ISO9001 and AS9100. Powell offers automated engineering solutions and connector ODM services. The company is an authorized, QPL'ed distributor for over 50 military specifications and is ISO9120 certified. In Europe, Powell Electronics operates from headquarters in Dublin, Ireland and other European locations, employing technical staff to support design-in activities and signing new franchise agreements with Glenair, Harwin, Amphenol Aerospace, Quell, AB Connectors, Lemo, Conesys, Positronic and more. This is enabling Powell to address the broad range of demanding connector applications with products that range from miniature PCB-mount devices to high voltage, high current hi-rel solutions.

Editors contact:

Gary Evans

CEO, Powell Electronics Europe

+353871055441

gevans@powell.com

www.powell-electronics.eu

www.powell.com

PR Agency:

Heiko Hespen

BWW Communications

+44-1491-636393

heiko.hespen@bwwcomms.com

www.bwwcomms.com