

Douglas Electrical Components Introduces MIL-DTL-26482 Hermetic Connectors for Harsh Environments

Expanded Manufacturing Capabilities for MIL-DTL-26482 Hermetic Connectors



Randolph, New Jersey Jan 25, 2026 ([IssueWire.com](https://www.issuewire.com)) - Douglas Electrical Components, a leader in hermetic sealing technology, has announced the expansion of its manufacturing capabilities to meet the growing demand for [MIL-DTL-26482 hermetic connectors](#). This expansion enhances the company's ability to deliver high-performance, leak-tight interconnect solutions for military, aerospace, vacuum, and high-pressure applications.

With an increasing need for rugged, miniature circular connectors in mission-critical environments, Douglas Electrical Components now offers greater production capacity, enhanced customization options, and faster turnaround times for MIL-DTL-26482 Series I and Series II hermetic connectors. These connectors provide exceptional sealing performance, ensuring reliable power and signal transmission in extreme conditions, including military and space applications.

Expanded Capabilities for Custom MIL-DTL-26482 Hermetic Connectors

Douglas Electrical's latest advancements allow customers to:

- Convert non-hermetic MIL-DTL-26482 connectors into hermetic solutions with our advanced epoxy sealing technology.
- Integrate customized mechanical interfaces, such as box mounts, threaded face seals, and high-pressure radial O-ring feedthroughs, for vacuum and pressure applications.
- Optimize electrical interfaces with embedded wires, flex circuits, and cables to reduce footprint, weight, and complexity while improving system reliability.

"With our unique epoxy sealing technology to hermetically seal a wide range of MIL-DTL-26482 connectors, we provide unparalleled design flexibility to our customers." said Chris Rempel, Director of Sales and New Product Development at Douglas Electrical Components.

Industry Standard for High-Performance Hermetic Connectors

Douglas Electrical's MIL-DTL-26482 Hermetic Connectors are designed to withstand extreme temperatures (-55°C to 125°C) and helium leak rates as low as 1×10^{-9} cc He/sec. These connectors ensure unmatched durability, performance, and long-term reliability. This expansion strengthens the company's position as a key supplier of hermetic interconnect solutions for defense and aerospace applications.

About Douglas Electrical Components

[Douglas Electrical Components](#) is a trusted provider of hermetic sealing solutions, specializing in customized, high-reliability interconnects for industries requiring airtight, vacuum-sealed, and pressure-resistant electrical connectors. With 80 years of expertise, Douglas Electrical Components continues to drive innovation in hermetic connectors, feedthroughs, and fiber optic sealing technologies.

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