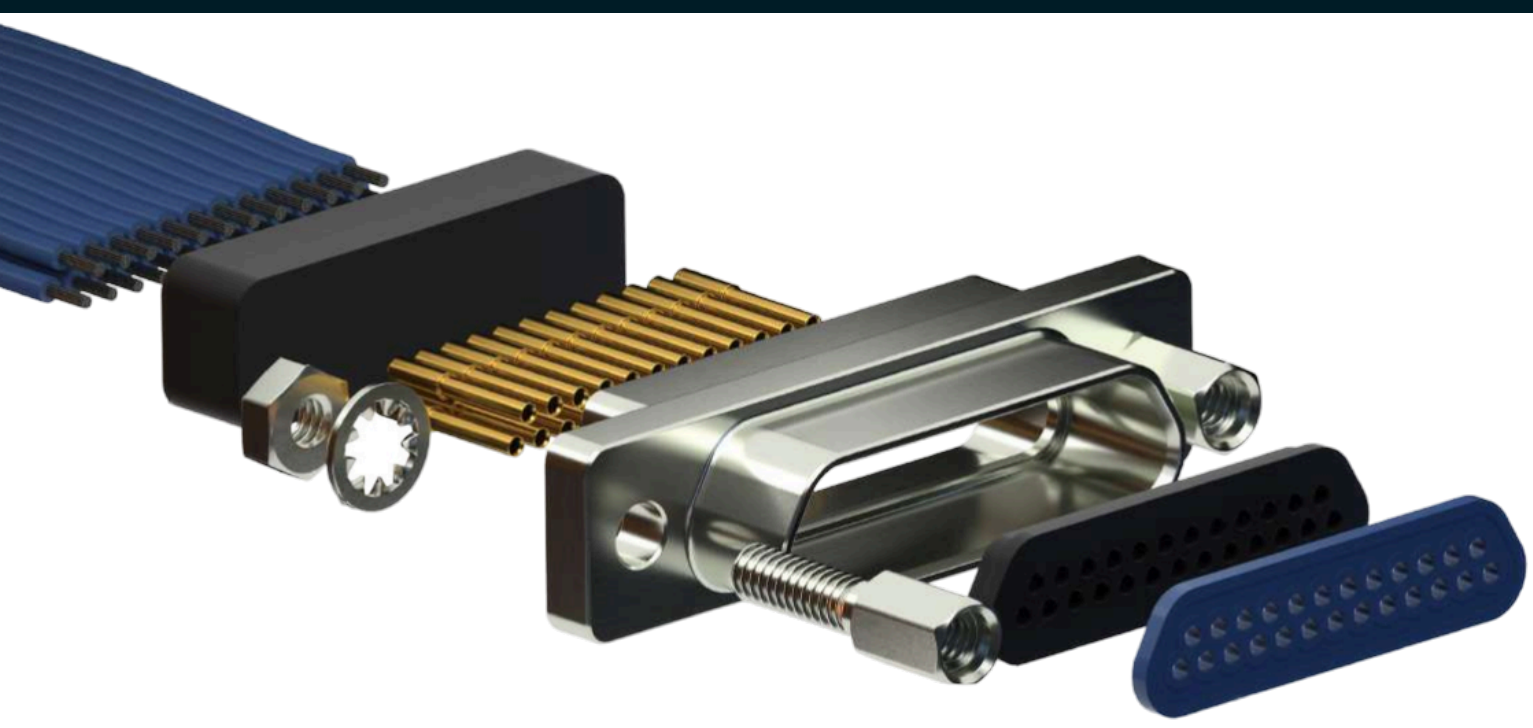
Connections Built for Performance; Assemblies Built to Last

Nicomatic offers a single source for the Micro-D connector system, including connectors, backshells, and cable assemblies, for military, aerospace, space, and oil-and-gas applications. Our in-house manufacturing and value-add capabilities simplify sourcing and cut lead times, while our products withstand harsh environments and keep critical functions running when there's little or no room for failure.



Build Your Solution

CONNECTORS:
Start with the connector configuration your design requires.

- **VARIETY:** We offer a full line of standard and custom backshell configurations designed to fit Nicomatic Micro-D connectors.
- **VERSATILITY:** Micro-D connectors feature custom and special configurations, including printed circuit board tail versions.
- **RELIABILITY:** With their compact size and weight savings, these connectors are fit for high-reliability applications in aerospace, oil and gas, and defense (including drones).
- **COMPLIANCE:** Micro-D connectors meet MIL-DTL-83513 requirements, with a high-density design that accommodates more contacts than standard D-sub connectors. QPL qualification is currently in pursuit.

BACKSHELLS:
Match the backshell to your connector and cable configuration.

- **VARIETY:** We offer a full line of commercial off-the-shelf Micro-D connectors.
- **VERSATILITY:** These backshells support cable management and protection, with options available for different cable requirements.
- **RELIABILITY:** Our connectors seal cable-connector termination points, keeping out moisture and dust that disrupt optimal performance.
- **BREADTH:** Our backshells-cable assembly combinations stop electromagnetic and radio frequency interference to keep signals strong and hardware protected.

CABLE ASSEMBLIES:
Go from component selection to ready-to-integrate assembly.

- **CONVENIENCE:** Nicomatic offers complete cable assemblies in a variety of styles and sizes — signal, high power, and coaxial crimp contacts.
- **VERSATILITY:** CrimpFlex jumper cables come in 1.27 millimeter and 2.54 millimeter pitches. Nicomatic's flat flexible cables come in a variety of contacts and housings designed for each use.
- **WEIGHT SAVINGS:** Nicomatic's discrete wire-to-flat cable assemblies allow an easy replacement of bulky wire cabling parts, saving weight.
- **PROTECTED CONNECTIVITY:** Digital multimeter connectors combine modularity and performance to distribute data and power in high-performance systems and enable a wide choice of arrangements.

Nicomatic is a leading global designer and manufacturer of micro connectors, complex cable assemblies and subsystems integrated into electronic equipment. Powell is a proud distributor of Nicomatic solutions.

Made in USA | Integrated Manufacturing | COTS + Custom

For more information, reach out to a Powell representative at nicomaticinfo@powell.com or visit www.powell.com/nicomatic