

MACH-D Connectors: Highly Reliable & Customizable

At Positronic, we're proud to be an industry leader known for high-reliability electronic connectors. When we say "high-reliability," we mean connectors that are built to withstand the harshest conditions. Today, many of our partners look to the MACH-D D-Sub connector family as the superior choice for tough applications ranging from defense electronics to space operations. Read on to find out how MACH-D connectors are built and customized for complete quality assurance in maximum-stress environments.



What Are MACH-D Connectors?

D-Subminiature (D-Sub) connectors are known for their versatility in size and performance levels, and they bank on the fact that they're highly customizable.

Within the D-Sub category, you'll find the Mach-D family manufactured for mission-critical engineering with M24308 intermateable options available.

MACH-D connectors are increasingly growing in popularity in next-generation harsh environment applications ranging from everyday use in commercial aircraft to extraordinary space exploration and critical defense projects. Regardless of the application, MACH-D connectors offer certainty when failure isn't an option.

What Makes MACH-D Connectors Unique?

Like all industry-leading D-Sub connectors available through Positronic, MACH-D connectors boast precision-engineered features. But what truly sets MACH-D connectors apart are their shells.

Positronic is proud to be a leading industry expert in stainless steel connector shells; in fact, our team is approved to manufacture over 600 stainless steel part numbers as part of the MIL-DTL-24308 QPL, which is more than any other connector manufacturer in the industry.

Ultimately, these unique machined shells offer peak durability and customizable electromagnetic compatibility, while remaining fully intermateable with standard M24308-type D-Subs. This makes moving toward the next generation of MACH-D products a seamless process for our partners.

Other Ways to Customize MACH-D Products

Like the rest of the D-Sub category, MACH-D products are available in a wide variety of configurations. Regardless of your needs, our team is ready to create a reliable product designed around your unique application. Other optional MACH-D configurations include the following:

- Standard and high-density signal contact arrangements
- Hybrid arrangements, which combine power and signal in a single body
- Unique accessory options, including keyed jackscrews, rear silicone grommets, interfacial seals, EMI grounding strips, and a 360-degree banding feature
- Sealed panel mount options

The bottom line: Thanks to expert engineering and customization options, you can trust Positronic MACH-D products to deliver specifically for you. When mission failure isn't an option, ask for MACH-D.

At Positronic, we believe in crafting versatile, high-quality connectors. Our design and manufacturing processes meet and often exceed our customers' needs for quality and reliability. And to suit the needs of our varied customers, we have a wide range of options available. If you would like to request product recommendations, locate a sales agent, ask a technical question, or simply request a quote on MACH-D connectors, please [contact Positronic](#) today.