

HIGH VIBRATION 2M805

PDS - 373



DESCRIPTION

2M805 high vibration connectors are the next evolution of Amphenol's expanding microminiature collection. Optimized to perform under high vibration conditions and meet the same harsh environmental requirements of D38999, these were developed to make scaling-down existing technology easy and risk-free.

With this enhanced design, you can introduce smaller and lighter connectors without sacrificing on performance.

APPLICATIONS

- Commercial Space Launch Vehicles
- Helicopters
- Missiles
- Unmanned Aerial Vehicles
- eVTOL Aircraft

FEATURES/BENEFITS

- Designed to meet severe vibration requirements stated in MIL-DTL-38999 (paragraphs 3.27 and 4.5.23.2.4).
- Modified standard 2M805 plug shell and coupling nut design to enhance coupling and uncoupling torque.
- The High Vibe 2M805 system is proven to mitigate the negative effects of high vibration operation by preventing connector back-off.
- Ideal for the harshest environments such as launch vehicles, missiles, UAV's, eVTOL aircraft, and other in-flight applications.
- Tri-Start fast coupling
- Excellent EMI shielding
- Waterproof
- Nickel-plated ground spring
- High Speed Options Available

