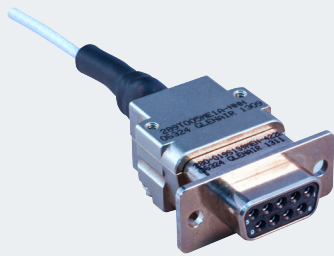


Pyrotechnic-Free Hold-Down and Release and Pin Pusher/Puller Space Mechanisms

Non-explosive light, medium, and heavy-duty HDRMs, pin pullers and pin pushers for spacecraft satellite hold down and release. Special-purpose ultra-lightweight small form-factor split-spool release mechanisms for CubeSat and NanoSat deployment as well as antenna, solar array, reflector, boom, and mast release.

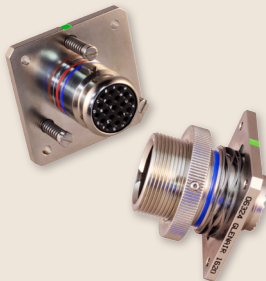
A



Series 28 HiPer-D Advanced Performance M24308 intermateable D-sub

Small form factor CubeSat applications typically use dispenser canisters for deployment. D-sub miniature cable assemblies are used for activation of the dispenser hold-down release mechanism, interconnection of the door status sensor, and in some cases direct signal interconnection to the satellite. Series 28 HiPer-D machined shells deliver improved shock and vibration performance, advanced electromagnetic compatibility and are rated to 200° C.

B



Blind-Mate, Float Mount, and Assisted Release (ASF) Connectors

Space-grade circular blind-mate connectors IAW MIL-DTL-38999 for use in interconnection and separation of instrumentation panels, satellites, scientific research payloads, and other release applications.

C



Lanyard-Release Quick-Disconnect Connectors IAW AS81703 Series 3

For mission-critical interconnection and release of launch and payload systems that depend on reliable, jam-free mating and disengagement.

D



Space-Grade Clean Room Manufacturing, Test, and Certification / Screening Capabilities

Complete in-house capabilities including clean room manufacturing, NASA/ESA screening and outgassing, qualification testing and readiness programs.

E