

Section H Micro-D Glass-Sealed Hermetic Connectors



Micro-D
Hermetic

Product Selection Guide



Glenair's Hermetic Micro-D Connectors feature fused glass insulators to provide an airtight seal. These connectors are 100% tested to meet a maximum leak rate of 1×10^{-7} cc's per second of helium.

Matched Kovar® Seal – The shells and contacts are machined from Kovar®, an iron-nickel-cobalt alloy which forms a chemical bond with the vitreous glass insulator. The contacts are gold-plated and the shell is nickel-plated.

Choose Solder Cup, PC Tails or Pre-Wired in two styles: panel mount for soldering or o-ring mount.

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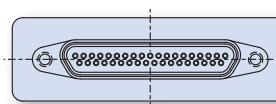
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Solder Mount Hermetic

These Kovar® alloy connectors are available in three styles: solder cup contacts, PC tail contacts or pre-wired and epoxy-sealed. Socket contacts are Kovar® alloy with gold plating. These connectors can be front- or rear-panel mounted. Installation requires soldering, brazing or welding to the bulkhead. Helium leak rate is 1×10^{-7} cc's per second.

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Front Panel Mount Hermetic

These Kovar® alloy connectors are available with 2 or 3 row solder cup or PC tail, and socket termination options

Hermetic for Rear-Panel Mounting

Avoid the expense of soldering with this o-ring version. Blind tapped mounting holes and integral jackposts provide easy installation. Three termination options are available: solder cup, PC tails, or pre-wired to protect and insulate the solder joints.

Light Weight Code Red Hermetic

Code Red is Glenair's proprietary sealing encapsulant that allows for the use of light weight materials such as aluminum and standard copper contacts in a hermetic solution. Available with 2 or 3 row solder cup or PC tail termination.