

## 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  $1 \times 10^{-7}$  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.

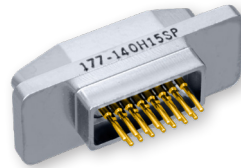
Solder Mount Hermetic  
Solder Cup Contacts  
**Page H-6**



#### 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  $1 \times 10^{-7}$  cc's per second.

Solder Mount Hermetic  
PC Tail Contacts  
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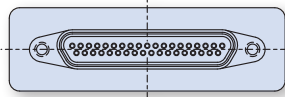
Front Panel Mount  
Shell Size 9-21  
Hermetic  
**Page H-9**



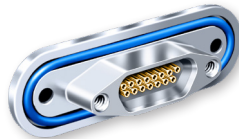
#### Front Panel Mount Hermetic

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

Front Panel Mount  
Shell Size 37 Hermetic  
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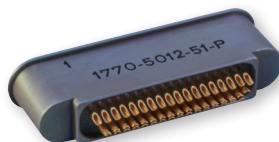
RPM Hermetic  
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#### Hermetic for Rear-Panel Mounting

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.

FPM Hermetic  
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#### 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.