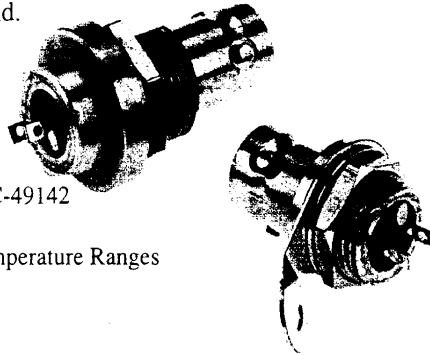


HERMETICALLY SEALED CONNECTORS

Concentric Twinax/Triax...

Hermetic seals *prevent leakage* through the bulkhead from *inside* of the connector. Trompeter's miniature size hermetically sealed connectors include the feed-through BJ78HS, the front mounted BJ77HS, the rear mounted BJ79HS and the newly designed threaded BJ379HS. In the subminiature size we offer the front mounted BJ157HS and BJ157FLHS (four lug version). The BJ3150HS and BJ3150SHS offers a threaded rear mount version with a safety wire option. These connectors are designed for bulkhead mounting in vacuum chambers, or where toxic and other gases are present. These connectors have leakage rates of 1×10^{-8} atm cc/second. The 150 Series have leakage rates of 1×10^{-6} atm cc/ second.



FEATURES:

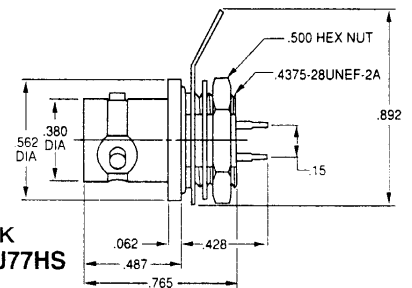
- ▲ Standard TRB/MIL-C-49142
- ▲ Glass to Metal Seals
- ▲ Sustains Extreme Temperature Ranges
- ▲ Standard Brass Body
- ▲ Gold Plated Contacts

BENEFITS:

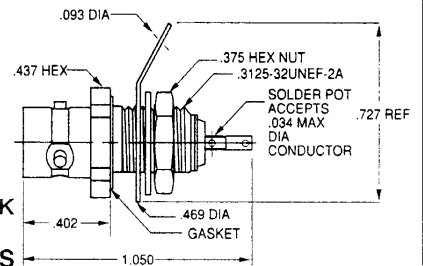
- ▲ The Most Mechanical and Environmental Reliable Method
- ▲ Wide Range of Application Usage
- ▲ More Cost Effective than Stainless Steel
- ▲ Reliable Connections

They all meet MIL-C-49142 specifications. Standard non-hermetic connector types such as the BJ78 could leak between the contacts and dielectrics. Hermetically sealed connectors can be used in commercial, military, and industrial applications where toxic gas maybe present. Hermetic connectors are highly beneficial in reactors, gas/petro plants, oil drilling sites, liquid test and measurement, and space applications. They are reliable under the most severe atmospheric conditions.

HERMETICALLY SEALED BULKHEAD JACK FRONT MOUNT BJ77HS
Mounting Hole: D4.125

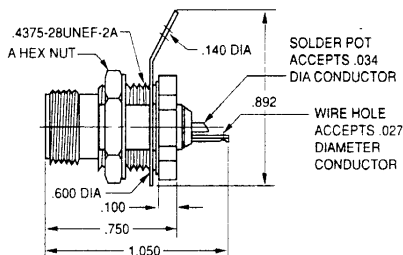


HERMETICALLY SEALED BULKHEAD JACK 3-lug BJ157HS 4-lug BJ157FLHS
Mounting Hole: D6.187

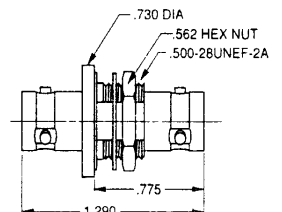


HERMETICALLY SEALED SUBMINIATURE TWINAX/TRIAX

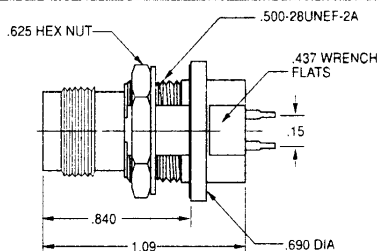
REAR MOUNT **BJ3150HS** A = .500
SOLDER POT BULKHEAD **BJ3150SHS** A = .562
Mounting Hole: D4.200



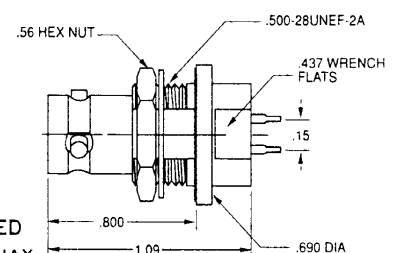
HERMETICALLY SEALED MINIATURE TWINAX/TRIAX FEED-THRU BULKHEAD MOUNT BJ78HS
Mounting Hole: D3.187
INSULATED VERSION BJ73HS (Not Shown)
Mounting Hole: D2.187



HERMETICALLY SEALED MINIATURE TWINAX/TRIAX TRT/THEADED BJ376HS
Mounting Hole: D3.160



HERMETICALLY SEALED MINIATURE TWINAX/TRIAX REAR MOUNT, BULKHEAD MOUNT BJ79HS
Mounting Hole: D3.160



Note: Only a select few of our hermetically sealed connectors are shown here. Contact the factory for more information. "D" Mounting holes see page 45.