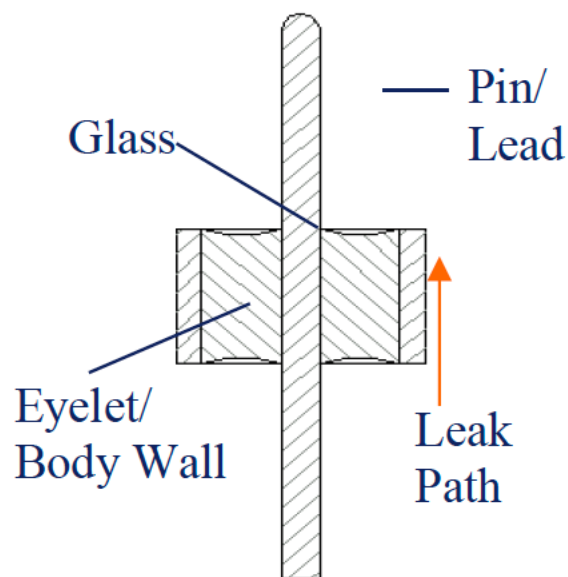


TECHNICAL UPDATE FOR CERTAIN SEALS

Product: .110 diameter 50-ohm Feedthru with .018 diameter pin

Issue: Hermeticity can be lost with excessive handling. The hermetic loss takes place along the glass/ and Feedthru body.



Cause: To achieve a 50-ohm seal the wall thickness of the body had to be reduced to .005 as compared to a standard Feedthru wall thickness. (The wall thickness is about half that of a standard eyelet body.) Flexing and stress on the wall during normal handling, solder installation or temperature cycling can cause a hermetic leak path along the eyelet wall.

Impact: The 110 diameter Feedthru can be built and tested to be hermetic at 1×10^{-8} ccHe/ sec at the factory but experience shows that subsequent handling can easily alter this situation.

Due to returns and experience in soldering this item we have decided to no longer sell these feedthrus with a guarantee of hermeticity. (Depending on the application HASCO will recommend a replacement 50-ohm Feedthru with a standard wall thickness that can be hermetically guaranteed to the higher level.)