

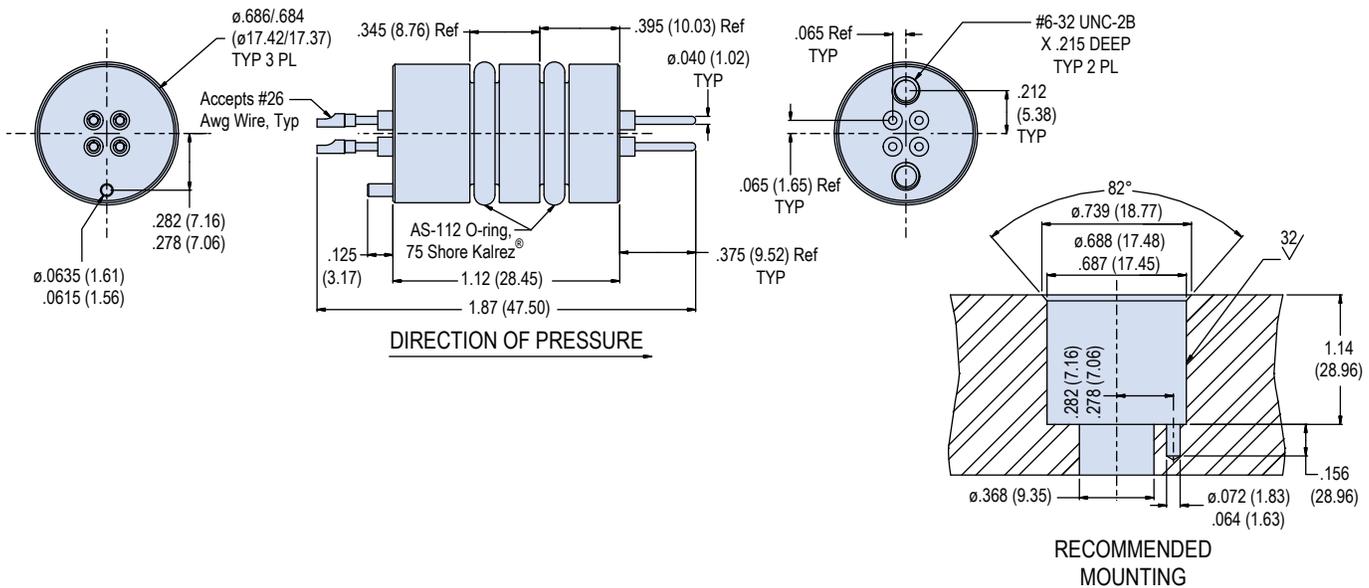
DOWNHOLE HTHP High Pressure/High Temperature Connectors



4 Pin, high pressure
glass sealed feedthrough

4 PIN, 25,000 PSI MAX HIGH PRESSURE, GLASS SEALED FEEDTHROUGH

DOWNHOLE: HIGH PRESSURE/HIGH TEMPERATURE



NOTES

- Performance specifications:
 - Hermeticity: $< 1 \times 10^{-8}$ sccHe/sec @ 1 atm diff
 - Maximum voltage: 500 Vdc
 - Operating voltage: 250 Vdc
 - Temperature: -76°F (-60°C) to 500°F (260°C)
 - Current capacity:
 - 3.3 Amps @ ambient
 - 2.5 Amps @ 500°F (260°C)
 - Pressure: 25,000 psi max in direction indicated
- Material / finish:
 - Body: Inconel[®] X-750 / none
 - Pins: Inconel[®] X-750 / gold plate .00005 Min thick
 - Insulators: vitreous glass / N.A. peek / N.A.
 - O-rings: Kalrez[®] (ffkm) / N.A.