1. Holes and interface dimensions per MIL-PRF-83513/2.
2. Matedable with connectors manufactured per MIL-PRF-83513/1 and MIL-PRF-83513/3.
3. Hermetic leak rate: less than or equal to $1 \times 10^{-9}$ CC/SEC He at 1 ATM differential pressure.
4. Electrical requirements:
   - Insulation resistance: greater than 5,000 megohms at 500V-10% VDC at 23°C when tested IAW MIL-STD-1344, METHOD 3003.
   - Dielectric withstanding voltage: must show no evidence of breakdown or flashover when subjected to 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. Duration of application to be 1 sec min.
5. Materials:
   - Shell: 304L stainless steel.
   - Contacts: beryllium-copper IAW ASTM B196 or ASTM B197.
   - Insulators: Kryoflex 313 proprietary polycrystalline ceramic.
   - Interfacial seal: fluorosilicone rubber IAW MIL-F-25988, CLASS I, TYPE II, GRADE 60.
   - Male-female hex standoff: 300 series stainless steel (shipped loose).
   - O-ring: Viton (shipped loose).
6. Finish:
   - Contacts: electrolytic nickel plate IAW QQ-N-290, 0.00050+/-.00050 THICK.
   - Gold plate IAW ASTM B488, TYPE II, CODE C OR MIL-G-45204, TYPE II, GRADE C, 0.00050+/-.00010 TMCR.
7. Ordering information: Part number 92389-1.

**Recommended hole detail**