1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
3. DESIGNED TO BE SOLDERED INTO COMPATIBLE HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500 ± 10% VDC AT 25°C WHEN TESTED IAW MIL-STD-1344, METHOD 3003.
   - DIELECTRIC WITHSTANDING VOLTAGE: MUST SHOW NO EVIDENCE OF BREAKDOWN OR FLASHOVER WHEN SUBJECTED TO 1300 VAC WAVEFORM IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
6. 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-R-25988, CLASS I, TYPE I, GRADE 60
7. FINISH: CONTACTS & SHELL
   - ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, 0.000100/0.000250 THICK
   - GOLD PLATE IAW ASTM B488, TYPE II, CODE C OR MIL-G-45204, TYPE II, GRADE C, 0.000100/0.000250 THICK
8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   - BASE PART NUMBER PIN COUNT
   - 92555 - X
   - (9, 15, 21, 25, 31, OR 37)

### TABLE 1

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### Diagram:
- Connector, Micro-D, S.S.T. Solder-In
- Interfacial Seal
- Shell
- Contact
- Recommended Hole Detail