NOTES:

1. HOLES AND INTERFACE DIMENSIONS PER MIL-DTL-24308/4.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-DTL-24308/2-2F.
3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
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 750 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

6. MATERIALS:
   - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4032 OR 4047 ALUMINUM.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.

7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM-B-488, TYPE III, CODE A, .000100/.000150 THICK.
   - HOT SOLDER DIP BENT PIN (VACUUM SIDE) PINS.
   - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.

8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING 93307.1

SCALE 1:000