NOTES:

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 FOR LASER WELDING TO A STAINLESS STEEL HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-8 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 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

6. MATERIALS:
   - WELD FLANGE: 304L STAINLESS STEEL.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE 11, GRADE 60.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
   - WIRE: 26 AWG PER MW2759.

7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000200 THICK.
   - GOLD PLATE ASTM B486, TYPE I, CODE A, .000050/.000150 THICK.

8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 93577 - X
     - PIN COUNT (9, 15, 21, 25, 31, OR 37)
     - BASE PART NUMBER TO ORDER

### TABLE I

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- .003 MAX EDGE BREAK
- SECTION A-A
- SCALE 1.000

HOLE DETAIL

WELD FLANGE

INTERFACIAL SEAL

INTEGRATED SEALS

WIRE

INSULATOR

434 Olds Station Rd, Wenatchee WA 98801

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PRO/ENGINEER