NOTES:
1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRT-83513/2.
2. WATERTIGHT WITH CONNECTORS MANUFACTURED PER MIL-PRT-83513/1 AND MIL-PRT-83513/3.
3. DESIGNED TO BE LASER WELDED INTO COMPATIBLE STAINLESS STEEL HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1 X 10^-9 CC/SEC @ 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500 VDC @ 25°C
   WHEN TESTED IAW MIL-STD-1344, METHOD 3003.
   DIELECTRIC WITHSTANDING VOLTAGE: MUST SHOW NO EVIDENCE OF BREAKDOWN OR FLASHOVER
   WHEN SUBJECTED TO 550 VAC RMS 60HZ IAW MIL-STD-1344, METHOD 3001.
   DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   SHELL: 304 STAINLESS STEEL
   CONTACTS: BERYLLIUM COPPER IAW ASTM B196 OR ASTM B197
   INSULATORS: BROMIDE-313 PROPRIETARY POLYCRYSTALLINE CERAMIC
   INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
7. FINISH:
   CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-280, .000100/.000250 THICK.
   GOLD PLATE IAW ASTM B488, TYPE III, CODE A OR MIL-G-45204, TYPE III, GRADE A, .134± .005
   .003± .005
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   BASE PART NUMBER: 93061 - X
   PIN COUNT: (9, 13, 21 25, 31, OR 37)

**TABLE 1**

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RECOMMENDED HOLE DETAIL

SECTION A-A

CONNECTOR, MICRO-D, SST-COMPATIBLE

SALES DRAWING

0-93061

434 Olds Station Rd., Mountlake, Washington 98041

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