NOTES:

1. HOLES AND INTERFACE DIMENSIONS PER MIL-DTL-24308.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-DTL-24308.
3. DESIGNED TO BE LASER WELDED INTO ALUMINUM HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC R; AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500V AC 60Hz 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:
   - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4XXX-SERIES ALUMINUM.
   - CONTACTS: BRASS-COPPER IAW ASTM B166/B166M.
   - INSULATORS: NICKEL-COPPER PROPOGIRAL POLYCRYSTALLINE CERAMIC.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, 0.00100/0.00250 THICK.
   - COLD PLATE IAW ASTM B488, TYPE II, GRADE C OR MIL-G-45204, TYPE II, GRADE C,
   - 0.00050/0.00100 THICK.
   - SHELL: CHEMICAL CONVERSION COAT PER MIL-C-5544, CLASS 1A.
8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 92781-1

FLANGED SUB-D CONN. INTFC PER MS18272
SALES DRAWING 1 of 1
DOCUMENT 0-92781