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 1.5 x 10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500V AC 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 60H 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.
   - INSULATORS: KYOCERA 3N3 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000050 THICK.
   - GOLD PLATE IAW ASTM B488, TYPE II, CODE C OR MIL-G-45204, TYPE II, GRADE C.
   - SHELL: CHEMICAL CONVERSION COAT PER MIL-C-5541, CLASS 1A.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 92393-X
   - 1: STANDARD SOLDER CUPS (26 TO 24 AWG)
   - 2: LARGE SOLDER CUPS (18 AWG)

HOLE DETAIL

SECTION A-A

FLANGED AC SUB-D CONNECTOR INTFC. PER MS18272

SALES DRAWING

64567