1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1 \times 10^{-9}$ CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
2. NOMINAL IMPEDANCE: 50 OHMS.
3. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
4. DESIGNED TO BE LASER WELDED TO ALUMINUM ALLOY 6061 HOUSINGS.
5. MATERIALS:
   - WELD FLANGE: 4000 SERIES ALUMINUM
   - CONTACT: KOVAR IAW ASTM-F15 OR EQUIVALENT
   - INSULATOR: 7070 CORNING GLASS OR EQUIVALENT
6. FINISH, CONTACT, BODY AND GROUND SPRING:
   - NICKEL PLATE IAW ASTM B173, TYPE 1, CLASS 1, OR EQUIVALENT, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM B468, TYPE III, CODE A, OR EQUIVALENT, .000050/.000150 THICK.
7. GROUND SPRING SHIPPED LOOSE AND UNATTACHED.
8. ORDERING INFORMATION:
   Please specify according to the following:
   EXAMPLE: 93843 - FD - 045
   - A: PIN EXTENSION (.020 MIN/.120 MAX)
   - FD: FULL DETENT, NO: NO DETENT
   - BASE PART NUMBER
   - CONTACT, BODY AND GROUND SPRING:
     NICKEL PLATE IAW ASTM 8733. TYPE I, CLASS I, OR EQUIVALENT, .000100/.000250 THICK.
     GOLD PLATE IAW ASTM 8488, TYPE III, CODE A, OR EQUIVALENT, .000050/.000150 THICK.