NOTES:

1. INTERFACE PER MIL-STD-348.
2. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1 \times 10^{-9}$ CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
3. NOMINAL IMPEDANCE: 50 OMIHS.
4. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
5. DESIGNED TO BE LASER WELDED TO TITANIUM HOUSINGS.
6. MATERIALS:
   - WELD FLANGE: TITANIUM
   - CONTACT: KOVAR IAW ASTM-F15 OR EQUIVALENT.
   - INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
   - GROUND SPRING: BeCu 173/174 IAW ASTM-B194, T004.
7. FINISH: CONTACT, BODY AND GROUND SPRING:
   - NICKEL PLATE IAW SAE-QQ-N-290, OR EQUIVALENT, 0.000100/0.000250 THICK.
   - GOLD PLATE IAW ASTM D488, TYPE III, CODE A, OR EQUIVALENT, 0.000050/0.000150 THICK.
   - WELD FLANGE: NONE
8. GROUND SPRING SHIPPED LOOSE AND UNATTACHED.

ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

EXAMPLE: 94386 - FD - 045

A = PIN EXTENSION 0.020 MIN/0.120 MAX
FD = FULL DETENT, LD = LIMITED DETENT, NO = NO DETENT

BASE PART NUMBER

HOLE DETAIL

SCALE 4.000