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 OHMS.
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 MIL-I-23011.
   INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
   GROUND SPRING: BeCu 113/74 IAW ASTM-B194, TD04.
7. FINISH: CONTACT, FERRULE AND GROUND SPRING.
   NICKEL PLATE IAW ASTM B133, TYPE I, CLASS I, OR EQUIVALENT, .000100/.000250 THICK.
   GOLD PLATE IAW ASTM B488, TYPE III, CODE A, OR EQUIVALENT, .000050/.000150 THICK.
8. GROUND SPRING SHIPPED LOOSE AND UNATTACHED.
9. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING:
   EXAMPLE: 93853 - 045
   A = PIN EXTENSION (.020 MIN/.250 MAX)
   BASE PART NUMBER

HOLE DETAIL
SCALE 3.000

SECTION A-A
SCALE 10.000

DETAIL A
SCALE 1.000

WELD FLANGE

CONTACT

SPRING

INSULATOR

FERRULE

HOLE DETAIL

SCALE 3.000

SECTION A-A

DETAIL A
SCALE 10.000

HOLE DETAIL
SCALE 3.000

SECTION A-A

DETAL A
SCALE 10.000

connector, SMA, HIGH PERFORMANCE, TI COMPATIBLE (DIA .020 PIN)