NOTES:

1. DESIGNED TO BE LASER WELDED TO A TITANIUM HOUSING.

2. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1 \times 10^{-9}$ CC/SEC at 1 ATM DIFFERENTIAL PRESSURE.

3. ELECTRICAL REQUIREMENTS:

   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±10 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 60Hz IAW MIL-STD-1344, METHOD 3001.
     DURATION OF APPLICATION TO BE 1 SEC MIN.

4. MATERIALS:

   - WELD FLANGE: GRADE 4 TITANIUM
   - CONTACTS: 80%Pt/20%Ir
   - INSULATOR: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - CAP BEAD: ALUMINA

5. ORDERING INFORMATION:

   PLEASE SPECIFY ACCORDING TO THE FOLLOWING

   - PIN LENGTH "A"
   - BASE PART NUMBER

### SUGGESTED HOLE DETAIL

- DESIGNED TO BE LASER WELDED TO A TITANIUM HOUSING.
- HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1 \times 10^{-9}$ CC/SEC at 1 ATM DIFFERENTIAL PRESSURE.
- INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±10 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 60Hz IAW MIL-STD-1344, METHOD 3001.
  DURATION OF APPLICATION TO BE 1 SEC MIN.
- MATERIALS:
  - WELD FLANGE: GRADE 4 TITANIUM
  - CONTACTS: 80%Pt/20%Ir
  - INSULATOR: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
  - CAP BEAD: ALUMINA
- ORDERING INFORMATION:
  PLEASE SPECIFY ACCORDING TO THE FOLLOWING

#### A-A SECTION