1. DESIGNED FOR LASER WELDING TO A TITANIUM HOUSING.

2. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1x10^-9 CC/SEC He 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 500 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

4. MATERIALS:
   - SHELL: EXPLOSION BONDED 304L STAINLESS STEEL TO GRADE 1 OR 2 TITANIUM.
   - CONTACTS: INCONEL X-750 IAW AMS 5698.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.

5. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM-B488, TYPE III, CODE A .000050/.000150 THICK.

6. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING.
   EXAMPLE: 93730-215-235

   B = 235 (.385 MAX)
   A = 215 (.215 MAX)
   BASE PART NUMBER

   SCALE 1.000
   (93730-215-235 SHOWN)

   HOLE DETAIL

   Ø .159±.001
   Ø .129±.001
   Ø .030±.001

   HOLE DETAIL

   SCALE 1.000
   (93730-215-235 SHOWN)

   Ø .134±.001 THRU
   Ø .162±.001 SHOWN

   R .003 MAX
   .003 MAX EDGE BREAK

   SECTION A-A