NOTES:
1. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
2. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
3. ELECTRICAL REQUIREMENTS:
   - DIELECTRIC WITHSTANDING VOLTAGE: THERE SHALL BE NO EVIDENCE OF BREAKDOWN, FLASHOVER OR DEGRADATION WHEN SUBJECTED TO 250 VOLTS DC.
   - INSULATION RESISTANCE: SHALL BE > 100,000 MEGOHMS AT 100 VDC.
4. MATERIALS:
   - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4XXX-SERIES ALUMINUM.
   - CONTACT: BERYLLIUM-COPPER.
   - INSULATOR: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
5. FINISH:
   - PIN, FERRULE, AND SHELL: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM B 488, TYPE I, CODE A, .000075/.000250 THICK.
   - SHELL: UNPLATED IN AREA SHOWN TO ALLOW LASER WELD.
6. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING
     - EXAMPLE: 94268 - 120 - 150

   PIN EXTENSION B: .150 (.450 MAX)
   PIN EXTENSION A: .120 (.450 MAX)
   BASE PART NUMBER

HOLE DETAIL

SECTION A-A

UNPLATED AREA

CONTACT

INSULATOR

LASER WELD FLANGE

SHELL

FEEDTHROUGH, DC, SINGLE PIN, .030 PIN, AL-COMPATIBLE

SALES DRAWING