NOTES:
1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO IX10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
2. NOMINAL IMPEDANCE: 50 OHMS.
3. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
4. DESIGNED TO BE LASER WELDED INTO ALUMINUM 6061 HOUSINGS.
5. MATERIALS:
   WELD FLANGE: 4000 SERIES ALUMINUM.
   CONTACT: KOVAR IAW ASTM F-115 OR EQUIVALENT.
   INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
   INSULATOR INSERT: Teflon.
   GROUND SPRING: BeCu.172/173 IAW ASTM B194, TD04.
6. FINISH: PIN AND GROUND SPRING:
   NICKEL PLATE IAW ASTM B339, TYPE I, CLASS I, OR EQUIVALENT. .000100/.000250 THICK.
   GOLD PLATE IAW ASTM B488, TYPE III, CODE A, OR EQUIVALENT. .000050/.000150 THICK.
   WELD FLANGE: CONVERSION COATED IAW MIL-C-5541, CL 1A.
7. GROUND SPRING SHIPPED LOOSE AND UNATTACHED.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING:
   93997 - 254 - 150 - 250
   L = HERMETIC PIN EXTENSION
   J: AMBIENT PIN EXTENSION
   J: BODY LENGTH .2541
   BASE PART NUMBER
   SCALE 1.500
   HOLE DETAIL

CONTACT

WELD FLANGE

GROUND SPRING