NOTES:

1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1x10^-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 TO ALUMINUM ALLOY 6061 HOUSINGS.
5. MATERIALS:
   WELD FLANGE: 4000 SERIES ALUMINUM
   CONTACT: KOVAR IAW ASTM-F15 OR MIL-I-23011
   INSULATOR: TOTO CORNING GLASS OR EQUIVALENT
   GROUND SPRING: 3 STAINLESS IAW ASTM-A276 OR QQ-S-763
6. FINISH:
   NICKEL PLATE IAW MIL-C-26074, TYPE 4 .00100/.00250 THICK
   GOLD PLATE IAW MIL-G-45204, TYPE I, GRADE A, .000050/.000150 THICK
   WELD FLANGE: CONVERSION COATED IAW MIL-C-5541, CL IA
7. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING:
   EXAMPLE: 93999 - FD - 045
   A = PIN EXTENSION (.020 MIN/.200 MAX)
   FD = FULL DETENT, LD = LIMITED DETENT, NO = NO DETENT
   BASE PART NUMBER
   .0345±.001 THRU .0995±.0005
   .010 X 90±5°
   .200±.001
   .005±.002
   R.003 MAX
   .003 MAX EDGE BREAK