NOTES:

1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1x10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
2. INTERFACE DIMENSIONS PER MIL-STD-348.
3. NOMINAL IMPEDANCE: 50 OHMS.
4. DIELECTRIC WITHSTANDING VOLTAGE: 500V RMS MIN. @ SEA LEVEL.
5. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
6. DESIGNED TO BE LASER WELDED TO TITANIUM.
7. MATERIALS:
   SHELL: EXPLOSION BONDED TITANIUM TO 304L SS T.
   INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
8. FINISH: PIN AND FERRULE
   NICKEL PLATE IAW MIL-C-26074, .000100/.000250THICK.
   GOLD PLATE IAW MIL-C-43204, TYPE III, GRADE A, .000050/.000150THICK.
9. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING:
   EXAMPLE: 93166 - FD - 045
   A: PIN EXTENSION 1.020 MIN/1.200 MAX
   FD: FULL DETENT, LD: LIMITED DETENT, ND: NO DETENT
   BASE PART NUMBER

SUGGESTED HOLE DETAIL:

VERSION RCL: F.0 009-17-12

CONNECTOR, LWP, TITANIUM COMPATIBLE (.015 DIA PIN)

SALES DRAWING