NOTES:

1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
3. DESIGNED TO BE LASER WELDED INTO TITANIUM HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1x10^-9 CC/SEC He AT 1 ATW DIFFERENTIAL PRESSURE.
5. 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 60 Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   - SHELL: EXPLOSION BONDED 300-SERIES STAINLESS STEEL TO TITANIUM GRADE 1 OR 2.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
7. FINISHES:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000150 THICK.
   - GOLD PLATE IAW ASTM-8488, TYPE II, CODE C, .000050/.000100 THICK.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING

   BASE PART NUMBER TO ORDER
   NS - EXCLUDES INTERFACIAL SEAL
   BLANK - INCLUDES INTERFACIAL SEAL

   NUMBER OF CONTACTS

   TABLE I

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   (-.025 SHOWN FOR REFERENCE ONLY)

   TITLE: CONNECTOR, MICRO-D, DOUBLE-ENDED, TI COMPATIBLE
   CASE CODE: 64567
   SHEET: 0-94067
   WWW.PACAERO.COM
   434 Olds Station Rd. Wenatchee WA 98801
   3RD ANGLE PROJECTION