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 O-RING SEATED AND FASTENED WITH HARDWARE.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^(-9) CC/SEC PER l ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   INSULATION RESISTANCE: GREATER THAN 5,000 MOHMS AT 500V DC 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 60HZ IAW MIL-STD-1344, METHOD 3001.
   DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   SHELL: STAINLESS STEEL ALLOY 304.
   INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
   POTTING COMPOUND: STYCAST BLACK EPOXY.
   O-RING: SILICONE.
7. FINISH:
   CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-295, .000100/.000300 THICK.
   GOLD PLATE IAW ASTM 5488, TYPE 111, CODE A, .000050/.000150 THICK.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING

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93857

- NUMBER OF CONTACTS (9, 15, 21, 25, 31, OR 37)
- BASE PART NUMBER TO ORDER

SALES DRAWING

434 Olds Station Rd. Wenatchee WA 98801

CONNECTOR, MICRO-D, O-RING MOUNT, CUSTOM

WWW.PACAERO.COM

PREPARED: 0-93857

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