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 SOLDERED INTO COMPATIBLE HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1 X 10^-9 CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500V 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 600 VAC RMS 60Hz IAW MIL-PRF-83513/1 AND MIL-PRF-83513/3.
     DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   - SHELL: 304L STAINLESS STEEL
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
7. FINISH CONTACTS & SHELL:
   - ELECTROLYTIC NICKEL PLATE IAW AMS-QQ-N-290, .000010/.000025 THICK.
   - GOLD PLATE IAW ASTM B488, TYPE III, CODE A OR MIL-DTL-45204, TYPE III, GRADE A,
     .000050/.000100 THICK.
8. PIN FLATS:
   - MACHINED PIN FLATS SHALL BE .015 MIN. LONG X .010 MIN. WIDE.
9. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING
   - BASE PART NUMBER 92873 - X
     - PIN COUNT (9, 15, 21, 25, 31, OR 37)
   - TABLE 1

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RECOMMENDED HOLE DETAIL

TABLE 1

SHELL INTERFACIAL SEAL

SALES DRAWING

PACIFIC AEROSPACE & ELECTRONICS, INC.
493 Olds Station Rd. Wenatchee, Washington 98801
WWW.PACAOERO.COM

CONNECTOR, MICRO-D, SOLDER MOUNT

SALES DRAWING