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 SEALED AND FASTENED WITH HARDWARE.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10⁻⁹ CC/SEC He AT 1 ATM 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 SUBJECT TO 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   - SHELL: 304L STAINLESS STEEL
   - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197
   - INSULATORS: KRYOFLEX PROPRIETARY POLYCRYSTALLINE CERAMIC
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60
   - MALE-FEMALE HEX STANDOFFS: 300-SERIES STAINLESS STEEL (SHIPPED LOOSE).
7. FINISHES:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290 .000050/.000150 THICK.
   - GOLD PLATE IAW ASTM B488, TYPE III, CODE A .000075/.000175 THICK.
8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 94102
   - PIN COUNT (9, 15, 21, 25, 31, OR 37)
   - BASE PART NUMBER TO ORDER

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TABLE I

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HOLE DETAIL

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

SALES DRAWING

434 Olds Station Rd, Wenatchee WA 98801
WWW.PACERO.COM

CAGE CODE 64567