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 FOR LASER WELDING TO AN ALUMINUM HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1X10^-9 CC/SEC H2 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 TESTED IAW MIL-STD-1344, METHOD 3001.
   - DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   - WELD FLANGE: 4XXX-SERIES ALUMINUM.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
   - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
   - WIRE: 26 AWG PER M22759.
7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
   - GOLD PLATE IAW ASTM-B488, TYPE 111, CODE A, .000100/.000250 THICK.
   - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS 1A.
8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 92716 - X
     - PIN COUNT (4, 15, 21, 25, 31, OR 37)
     - BASE PART NUMBER TO ORDER
   - TABLE I

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WEB FLANGE

THREADED INSERT

INTERFACIAL SEAL

WIRE

INSULATOR

SCALE 1.000

.37 SHOWN

WWW.PACERO.COM

TITLE:
THIRD ANGLE PROJECTION
HOLE DETAIL, LOW PROFILE FLANGED WIRED MICRO-D CONNECTOR

CAGE CODE:
64567

SALES DRAWING

655

0-92716

PACERO, A Division of HERMETIC SOLUTIONS
434 Olds Station Rd, Wenatchee, WA 98801

PRO/ENGINEER

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01-12-11

ONE OF 1

092716

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