

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 TO A STAINLESS STEEL HOUSING.
- 4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC H_2 AT 1 ATM DIFFERENTIAL PRESSURE.
- 5. ELECTRICAL REQUIREMENTS:
 - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ VDC AT $25^\circ C$ 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 60 Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

- 6. MATERIALS:
 - SHELLS: 300-SERIES STAINLESS STEEL
 - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
 - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.

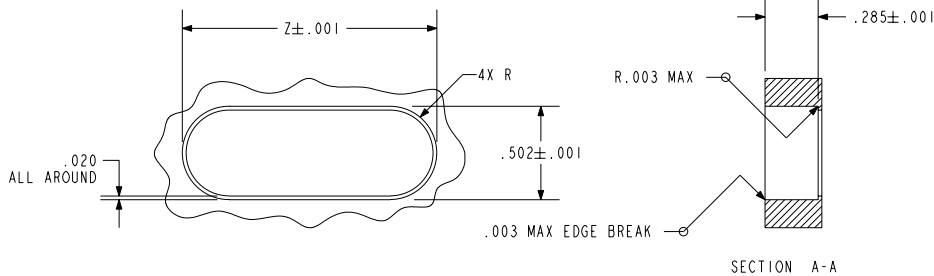
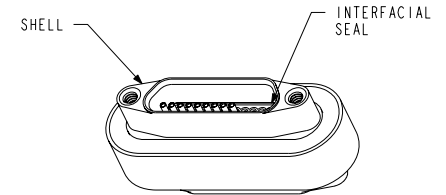
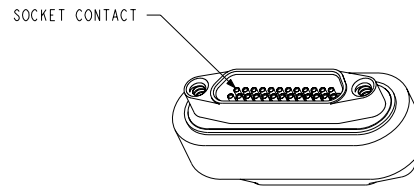
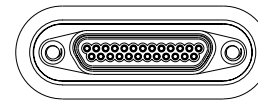
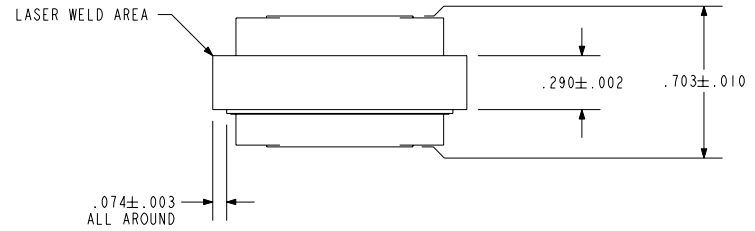
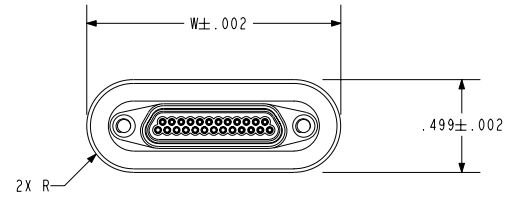
- 7. FINISHES:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000100 THICK.
 - GOLD PLATE IAW ASTM-B488, TYPE III, CODE C, .000050/.000100 THICK.

- 8. ORDERING INFORMATION:
 - PLEASE SPECIFY ACCORDING TO THE FOLLOWING

93636 - 9

BASE PART NUMBER TO ORDER NUMBER OF CONTACTS

TABLE I		
PART NUMBER	W	Z
93636-9	.964	.967
93636-15	1.114	1.117
93636-21	1.264	1.267
93636-25	1.364	1.367
93636-31	1.514	1.517
93636-37	1.664	1.667



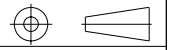
HOLE DETAIL

SECTION A-A

PACIFIC AEROSPACE & ELECTRONICS, INC.
 434 Olds Station Rd. Wenatchee, Washington 98801

WWW.PACAERO.COM

THIRD ANGLE PROJECTION



CAGE CODE: 64567

TITLE: CONNECTOR, MICRO-D, FLANGED, DUAL

VERSION: RELEASE DATE: 07-12-05

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-93636