

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 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
- 5. ELECTRICAL REQUIREMENTS:
 - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ 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-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 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 QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW MIL-G-45204, TYPE III, GRADE A, .000050/.000100 THICK.

- 8. PIN FLATS
 - MACHINED PIN FLATS SHALL BE .015 MIN. LONG X .010 MIN. WIDE.

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

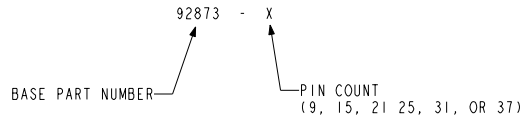
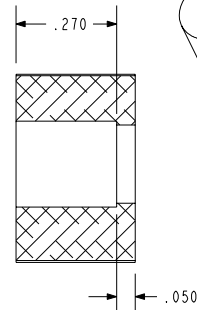
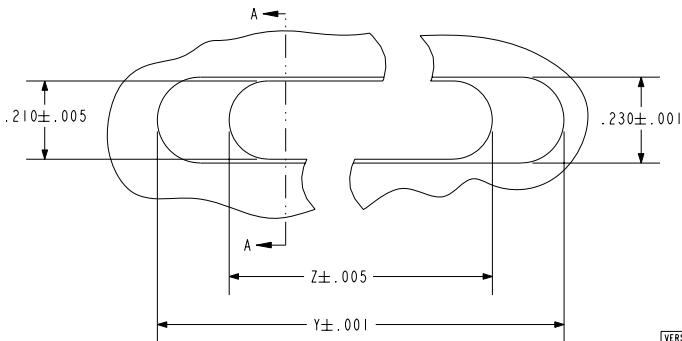
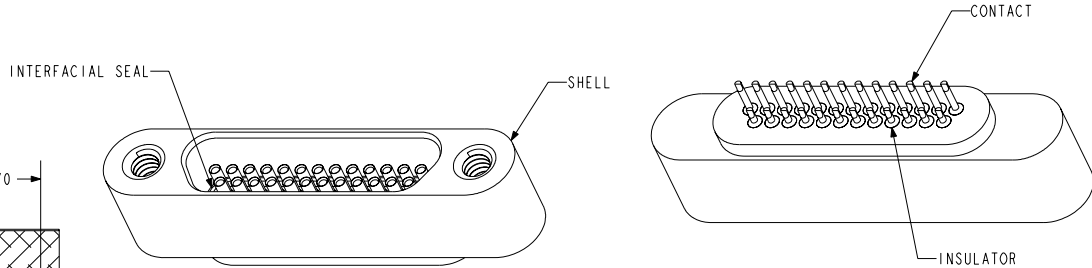
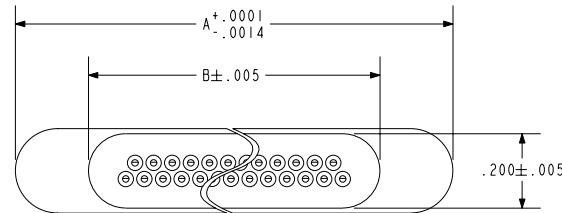
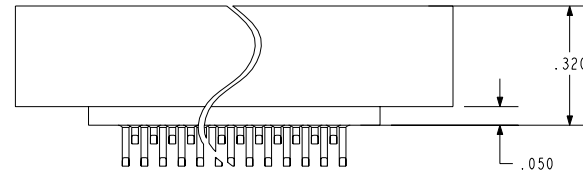
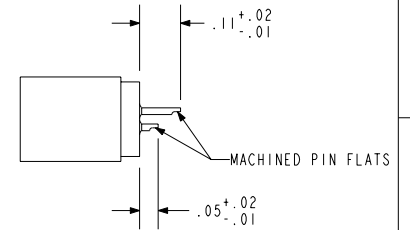
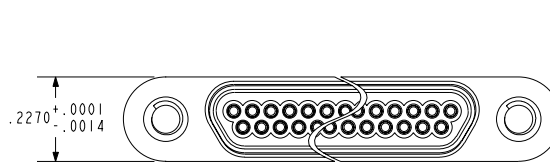


TABLE I				
NUMBER OF CONTACTS	A	B	Y	Z
9	.792	.400	.453	.423
15	.942	.550	.603	.573
21	1.092	.700	.753	.723
25	1.192	.800	.853	.823
31	1.342	.950	1.003	.973
37	1.492	1.100	1.150	1.123



SECTION A-A



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

WWW.PACAERO.COM

TITLE: CONNECTOR, MICRO-D, SOLDER MOUNT

THIRD ANGLE PROJECTION

CAGE CODE: 64567

DOCUMENT: 0-92873

SALES DRAWING

VERSION: RELEASE DATE: 03-10-06

SHEET: 1 OF 1

pro/ENGINEER