

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 INTO COMPATIBLE STAINLESS STEEL HOUSING.
- 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: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW MIL-G-45204, TYPE II, GRADE C, .000100/.000250 THICK.

- 8. ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING

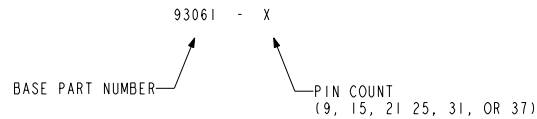
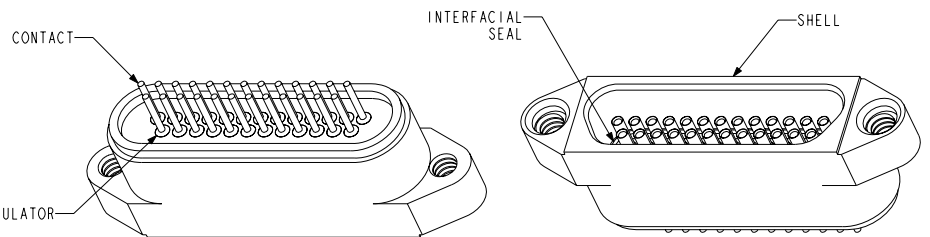
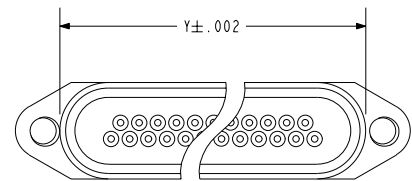
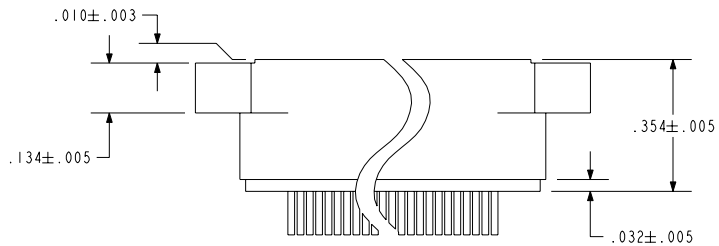
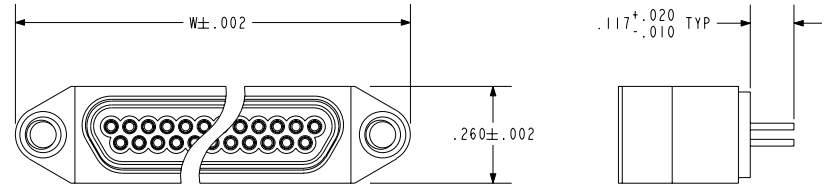
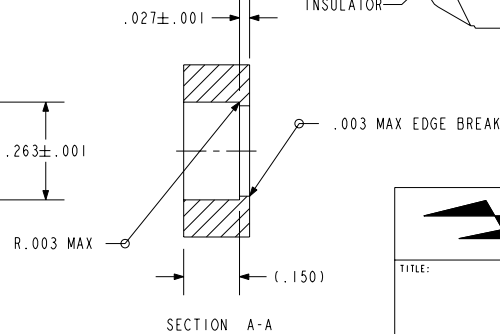
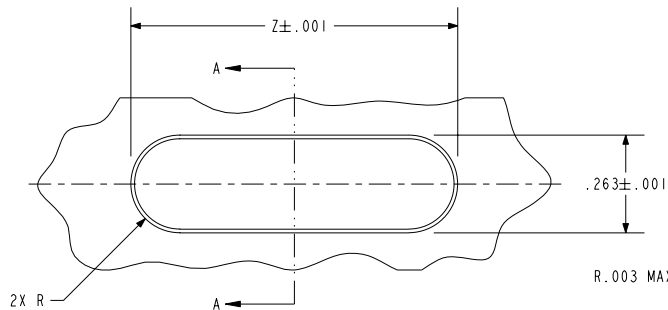


TABLE I			
NUMBER OF CONTACTS	W	Y	Z
9	.715	.475	.478
15	.865	.600	.603
21	1.015	.775	.778
25	1.115	.875	.878
31	1.265	1.025	1.028
37	1.415	1.175	1.178



(-25 SHOWN)

PACIFIC AEROSPACE & ELECTRONICS, INC.

434 Olds Station Rd. Wenatchee, Washington 98801

WWW.PACAERO.COM

THIRD ANGLE PROJECTION

TITLE: CONNECTOR, MICRO-D, SST-COMPATIBLE

CAGE CODE: 64567

DOCUMENT: 0-93061

VERSION: RELEASE DATE: 05-07-03

SALES DRAWING

SHEET: 1 OF 1

pro/ENGINEER