

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 500 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.

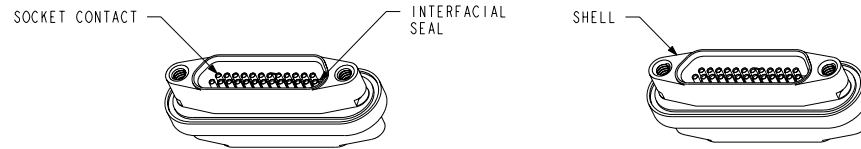
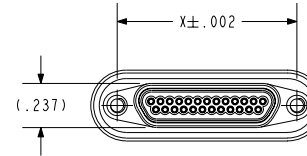
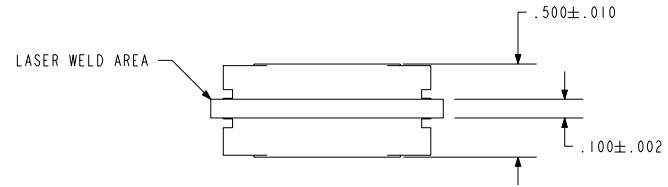
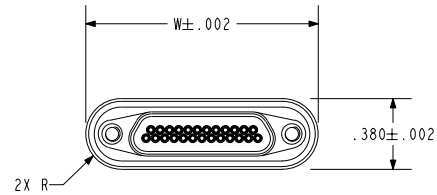
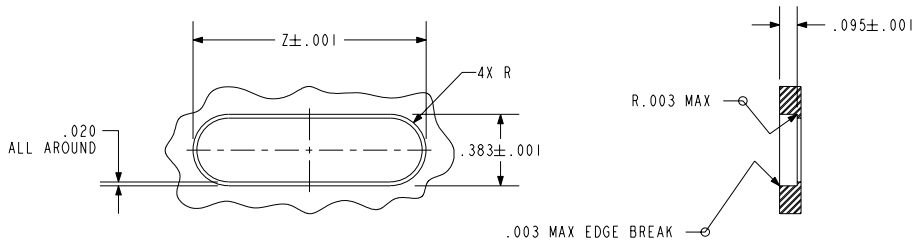
- 7. FINISHES:
 CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000050/.000100 THICK.
 GOLD PLATE IAW ASTM-B488, TYPE III, CODE C, .000050/.000100 THICK.

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

93678 - 9

BASE PART NUMBER TO ORDER NUMBER OF CONTACTS

TABLE I				
PART NUMBER	W	X	Z	CONTACTS
93678-9	.848	.565	.851	9
93678-15	.998	.715	1.001	15
93678-21	1.148	.865	1.151	21
93678-25	1.248	.965	1.251	25
93678-31	1.398	1.115	1.401	31
93678-37	1.548	1.265	1.551	37



(-25 SHOWN FOR REFERENCE ONLY)

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

WWW.PACAERO.COM

THIRD ANGLE PROJECTION

CAGE CODE: 64567

DOCUMENT: 0-93678

TITLE: CONNECTOR, MICRO-D, DOUBLE-ENDED

VERSION: B.0

RELEASE DATE: 10-09-06

SALES DRAWING

SHEET: 1 OF 1