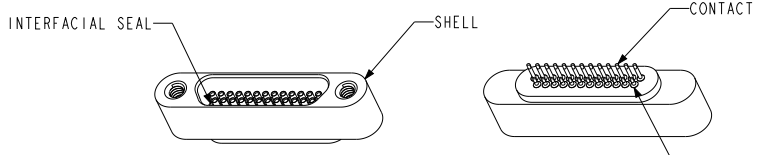
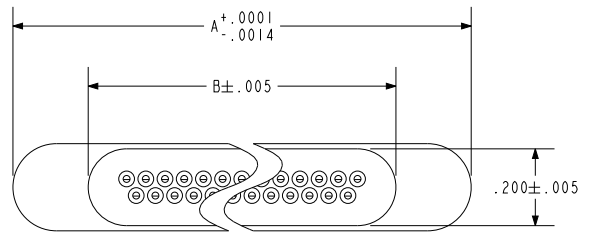
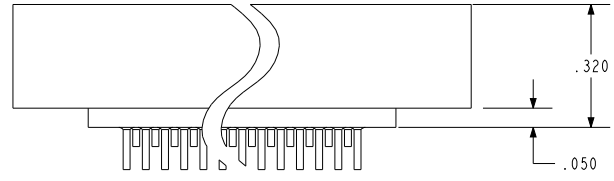
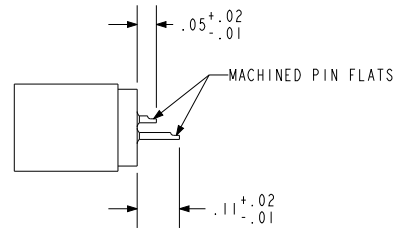
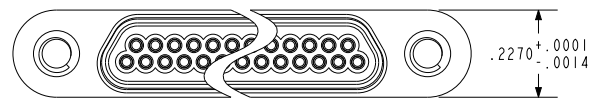
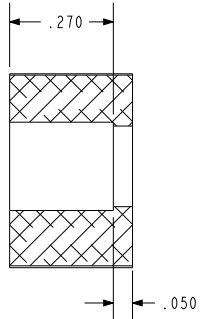
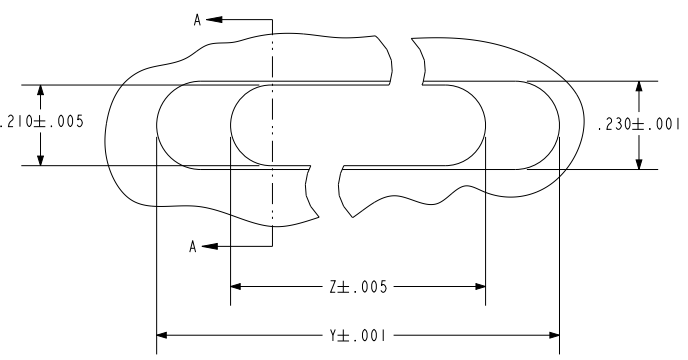


NOTES:

- HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
- MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
- DESIGNED TO BE SOLDERED INTO COMPATIBLE HOUSINGS.
- HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
- 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.
- 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.
- FINISH: CONTACTS & SHELL
 ELECTROLYTIC NICKEL PLATE IAW AMS-QQ-N-290, .000100/.000250 THICK.
 GOLD PLATE IAW ASTM B488, TYPE III, CODE A OR MIL-DTL-45204, TYPE III, GRADE A, .000050/.000100 THICK.
- PIN FLATS
 MACHINED PIN FLATS SHALL BE .015 MIN. LONG X .010 MIN. WIDE.
- ORDERING INFORMATION:
 PLEASE SPECIFY ACCORDING TO THE FOLLOWING

92873 - X
 BASE PART NUMBER PIN COUNT
 (9, 15, 21, 25, 31, OR 37)

NUMBER OF CONTACTS	A	B	Y	Z
9	.792	.400	.795	.410
15	.942	.550	.945	.560
21	1.092	.700	1.095	.710
25	1.192	.800	1.195	.810
31	1.342	.950	1.345	.960
37	1.492	1.100	1.495	1.110



SCALE 1.000
 (-25 SHOWN)

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

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-92873

VERSION: E.2 RELEASE DATE: 05-14-13

ENG-014 pro/ENGINEER