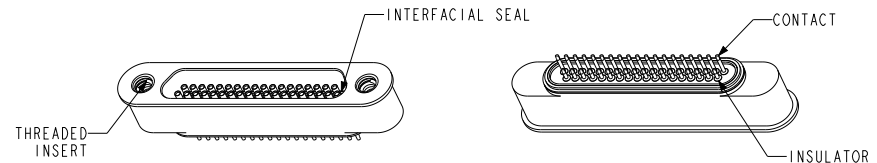
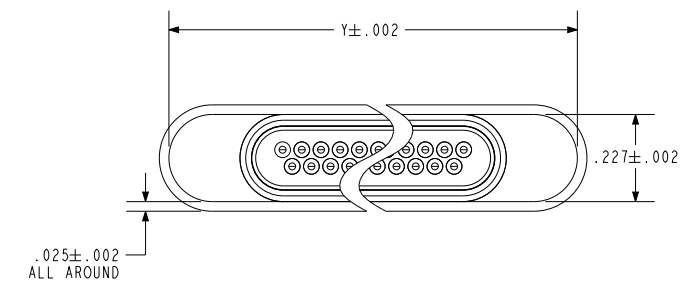
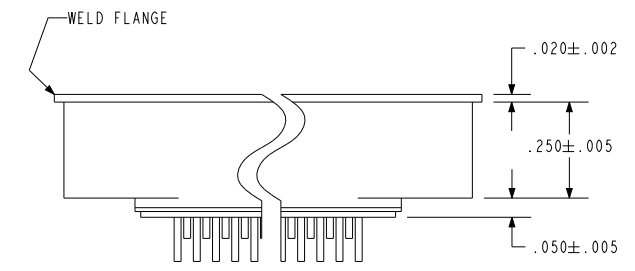
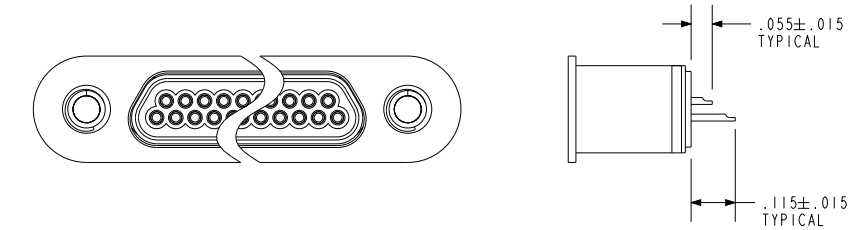
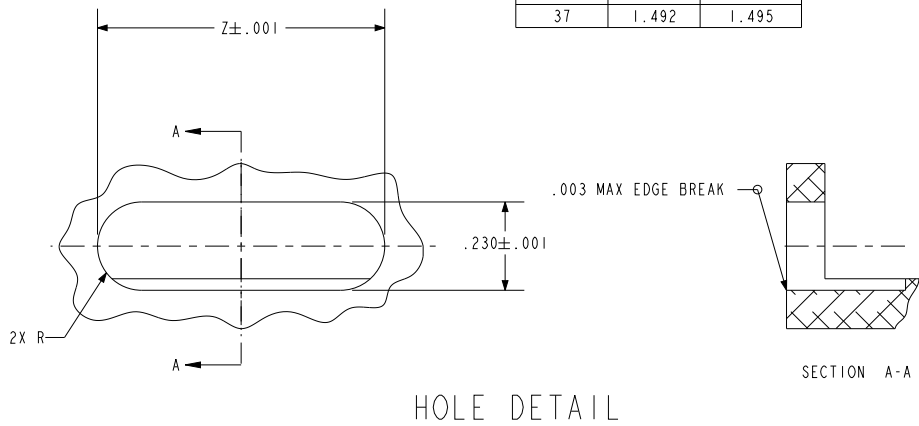


NOTES:

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 AN ALUMINUM HOUSING.
4. WIRE BOND FLATS TO BE .015 MIN. LONG AND .010 MIN WIDE.
5. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
6. 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 500 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
7. MATERIALS:
 - WELD FLANGE: 4XXX SERIES ALUMINUM.
 - 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.
 - THREADED INSERTS: 304L STAINLESS STEEL
8. FINISH:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW ASTM B488, TYPE III, CODE A OR MIL-G-45204, TYPE III, GRADE A, .000050/.000150 THICK.
9. ORDERING INFORMATION:
 - PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

BASE PART NUMBER TO ORDER \nearrow 93075 - 15 \nwarrow PIN COUNT
 (9, 15, 21, 25, 31, OR 37)

NUMBER OF CONTACTS	Y	Z
9	.792	.795
15	.942	.945
21	1.092	1.095
25	1.192	1.195
31	1.342	1.345
37	1.492	1.495



SCALE 1.000
 -37 SHOWN

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

TITLE: CONNECTOR, MICRO-D, LOW-PROFILE, AL-COMPATIBLE

THIRD ANGLE PROJECTION

CAGE CODE: 64567

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-93075

VERSION: G.2

RELEASE DATE: 01-12-11

ENG-014

pro/ENGINEER