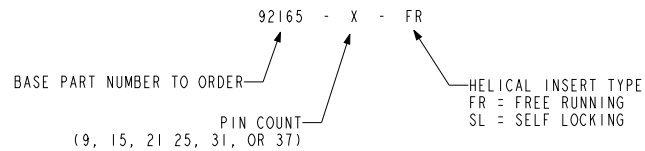


NOTES:

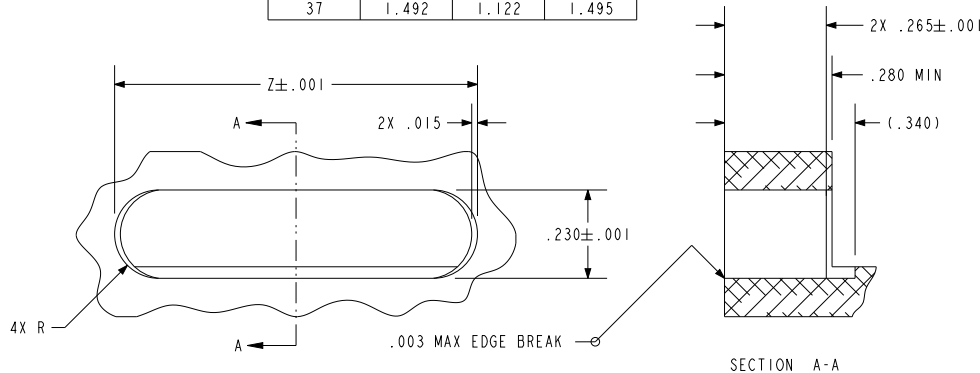
1. DESIGN MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
2. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
3. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
4. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
5. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO  $1 \times 10^{-9}$  CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
6. ELECTRICAL REQUIREMENTS:
  - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT  $500 \pm 10\%$  VDC AT  $25^\circ\text{C}$  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.
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.
  - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
8. FINISH:
  - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
  - GOLD PLATE IAW ASTM B488, TYPE II, CODE C OR MIL-G-45204, TYPE II, GRADE C, .000050/.000150 THICK.
  - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.

9. ORDERING INFORMATION:

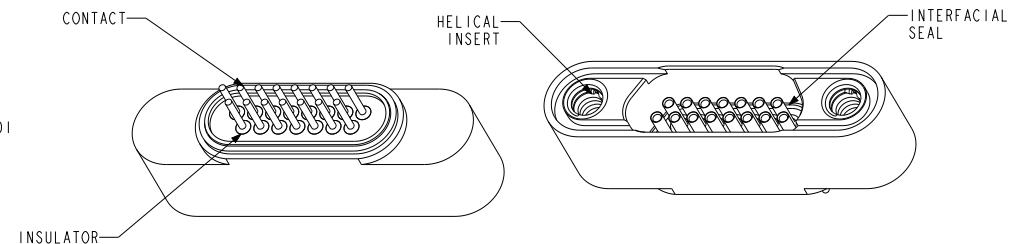
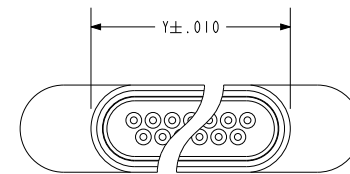
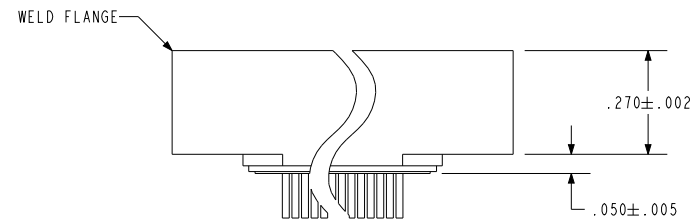
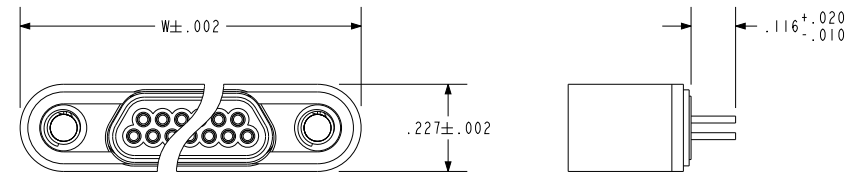
PLEASE SPECIFY ACCORDING TO THE FOLLOWING



NUMBER OF CONTACTS	W	Y	Z
9	.792	.422	.795
15	.942	.572	.945
21	1.092	.722	1.095
25	1.192	.822	1.195
31	1.342	.972	1.345
37	1.492	1.122	1.495



RECOMMENDED HOLE DETAIL



**PACIFIC AEROSPACE & ELECTRONICS, INC.**  
434 Olds Station Rd. Wenatchee, Washington 98801  
[WWW.PACAERO.COM](http://WWW.PACAERO.COM)

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

THIRD ANGLE PROJECTION

CAGE CODE: **64567**

DOCUMENT: **0-92165**

SHEET: **1 OF 1**

VERSION: **H.3**      RELEASE DATE: **01-13-11**

**SALES DRAWING**