

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 OR TITANIUM 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 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

- 6. MATERIALS:
 - SHELL: 300-SERIES STAINLESS STEEL EXPLOSION BONDED TO COMPATIBLE ALUMINUM OR TITANIUM.
 - 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.

- 7. FINISHES:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW MIL-G-25204, TYPE II, GRADE C, .000050/.000150 THICK.
 - ALUMINUM SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.

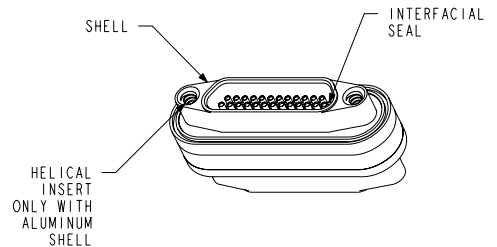
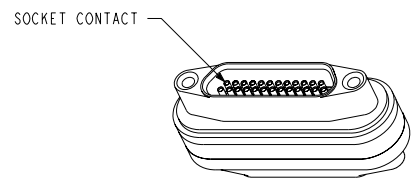
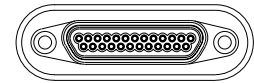
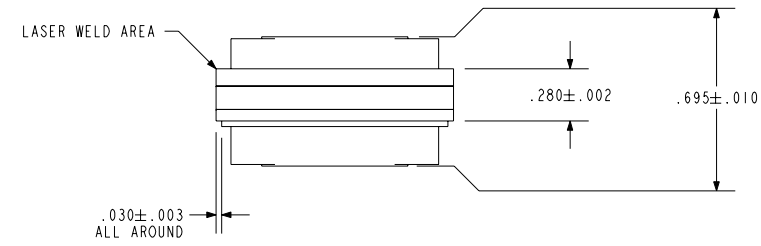
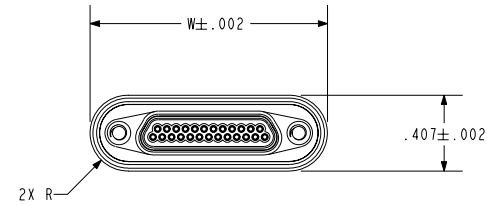
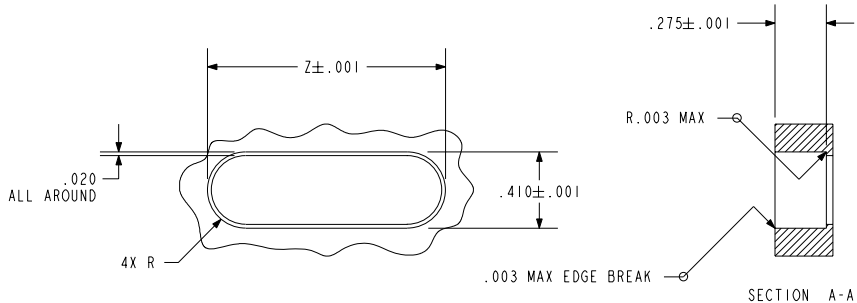
- 8. ORDERING INFORMATION:
 - PLEASE SPECIFY ACCORDING TO THE FOLLOWING

92469 - I Ti

BASE PART NUMBER TO ORDER

SPECIFY Ti FOR TITANIUM CONNECTOR SHELL
LEAVE BLANK FOR ALUMINUM CONNECTOR SHELL

TABLE I		
PART NUMBER	W	Z
92469-9	.875	.878
92469-15	1.025	1.028
92469-21	1.175	1.178
92469-25	1.275	1.278
92469-31	1.425	1.428
92469-37	1.575	1.578



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

TITLE: CONNECTOR, MICRO-D, DUAL, FLANGED

THIRD ANGLE PROJECTION

CAGE CODE: 64567

DOCUMENT: 0-92469

VERSION: RELEASE DATE: 08-11-03

SALES DRAWING

SHEET: 1 OF 1

pro/ENGINEER