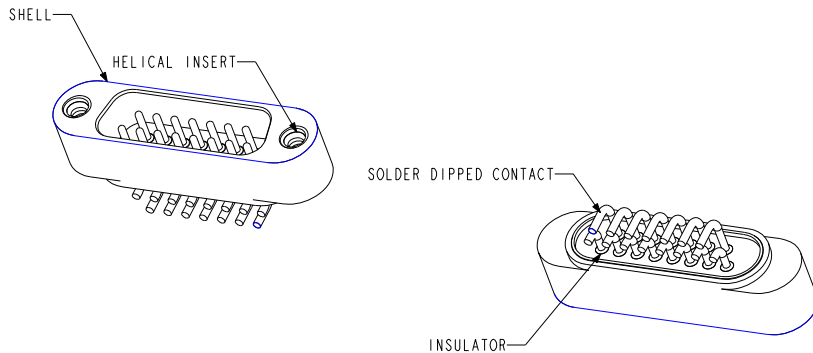
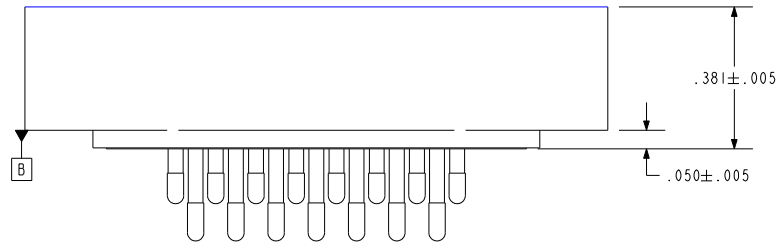
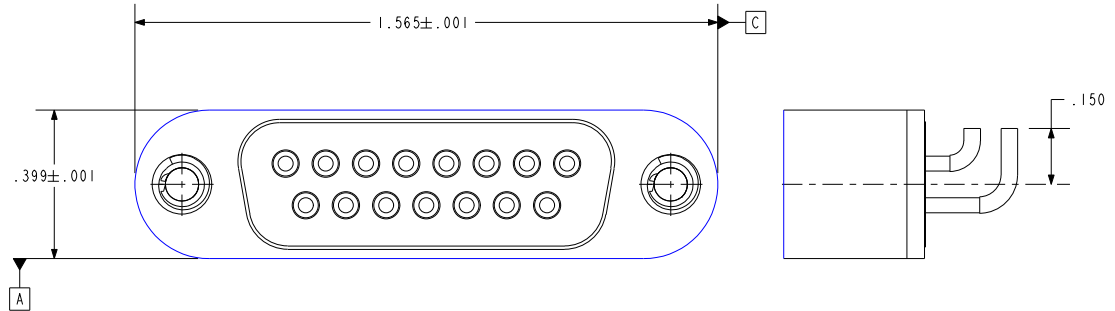
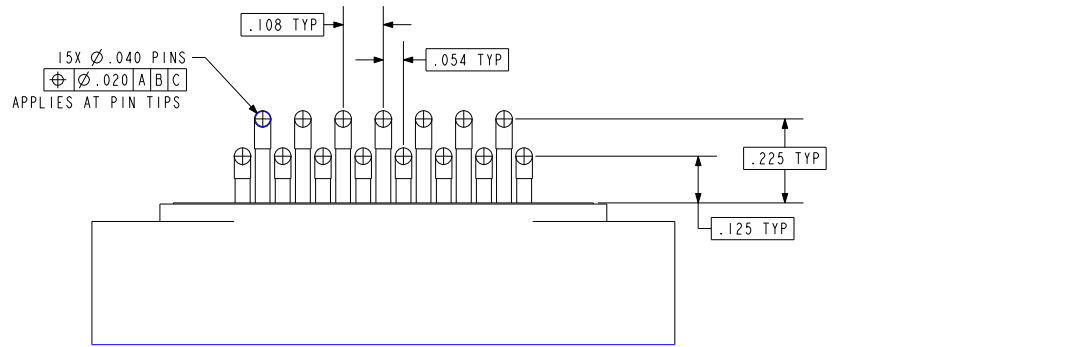


NOTES:

- 1. HOLES AND INTERFACE DIMENSIONS PER MIL-DTL-24308/4.
- 2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-DTL-24308/2-2F.
- 3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
- 4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC H_e 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 750 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.
- 6. MATERIALS:
 - SHELL: EXPLOSION BONDED STAINLESS STEEL TO 4032 OR 4047 ALUMINUM.
 - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
 - SOLDER: Sn63Pb37 PER J-STD-006.
 - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
- 7. FINISH:
 - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 - GOLD PLATE IAW ASTM-B-488, TYPE III, CODE A, .000100/.000150 THICK.
 - HOT SOLDER DIP BENT PIN (VACUUM SIDE) PINS.
 - SHELL: CHEMICAL CONVERSION COAT IAW MIL-C-5541, CLASS IA.
- 8. ORDERING INFORMATION:
 - PLEASE SPECIFY ACCORDING TO THE FOLLOWING
 - 93307 - 1



SCALE 1.000

VERSION

RELEASE DATE: 06-19-06

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

WWW.PACAERO.COM

THIRD ANGLE PROJECTION

TITLE: CONNECTOR, SUB-D, 15--PIN, CUSTOM

CAGE CODE: 64567

SALES DRAWING

DOCUMENT: 0-93307

SHEET: 1 OF 1