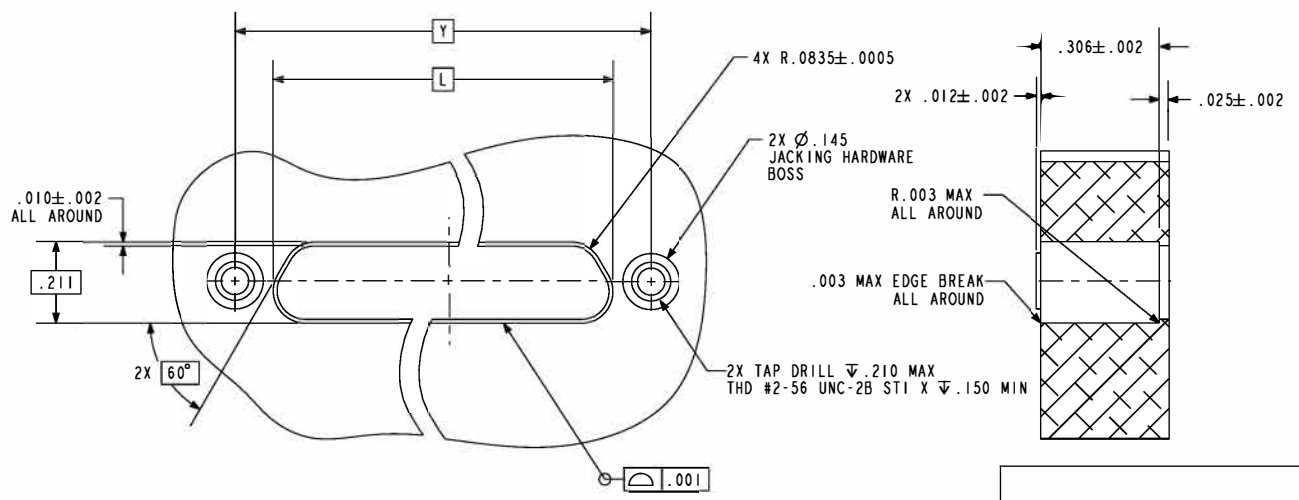
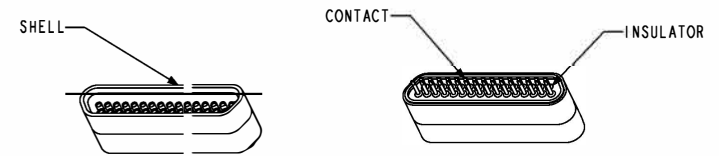
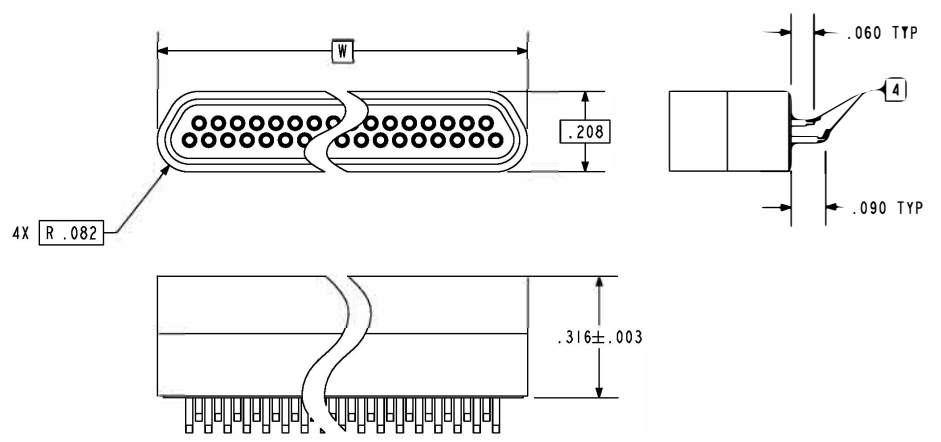
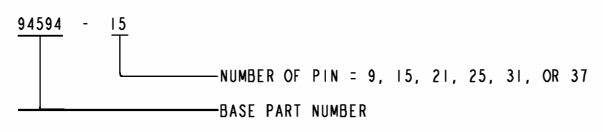


NOTES:

1. INTERFACE DIMENSIONS PER MIL-PRF-83513/7.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/8.
3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
- 4 WIRE BOND FLATS TO BE .020 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:
 SHELL: EXPLOSION BONDED 300-SERIES STAINLESS STEEL TO ALUMINUM
 CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
 INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
8. FINISH:
 CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000200 THICK.
 GOLD PLATE IAW ASTM B488, TYPE III, GRADE A, .000100/.000175 THICK.
 SHELL: CHEMICAL CONVERSION COAT PER MIL-C-5541, CLASS 1A.

9. ORDERING INFORMATION:
 PLEASE SPECIFY ACCORDING TO THE FOLLOWING



SCALE 1.000

NUMBER OF CONTACTS	W	L	Y
9	.366	.369	.565
15	.516	.519	.715
21	.666	.669	.865
25	.766	.769	.965
31	.916	.919	1.115
37	1.066	1.069	1.265

SCALE 2.000

RECOMMENDED HOLE DETAIL

P&E A Division of HERMETIC SOLUTIONS
 434 Olds Station Rd. Wenatchee WA 98801
WWW.PACAERO.COM

TITLE: CONNECTOR, MICRO-D, REDUCED INTERFACE, AL COMPATIBLE

THIRD ANGLE PROJECTION

CAGE CODE: 64567

SALES DRAWING

SHEET: 1 OF 1

DOCUMENT: 0-94594

VERSION: -.2 RELEASE DATE: 09-22-11

pro/ENGINEER