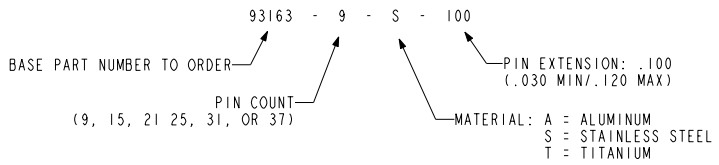


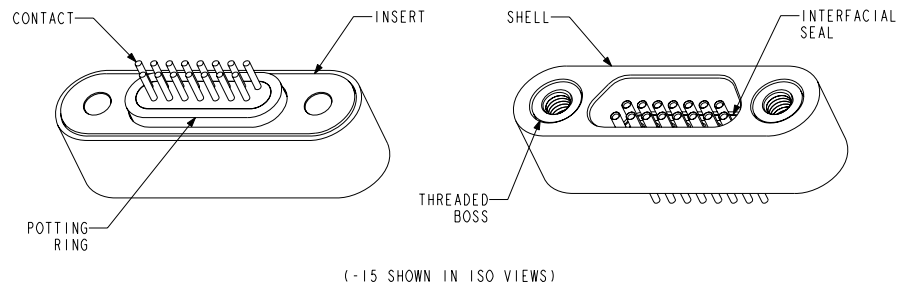
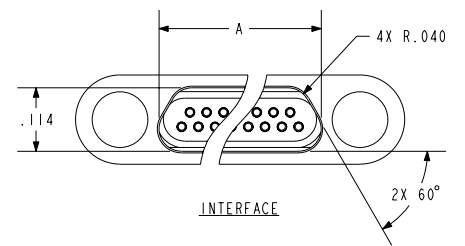
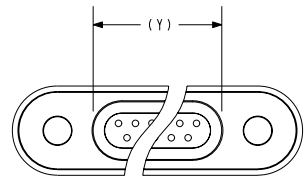
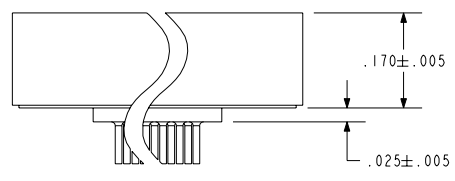
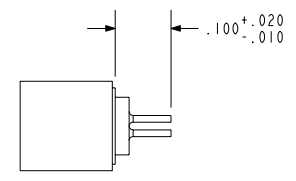
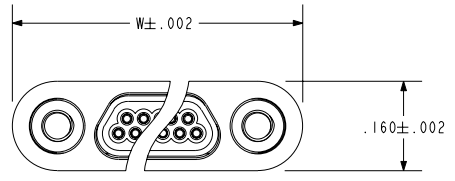
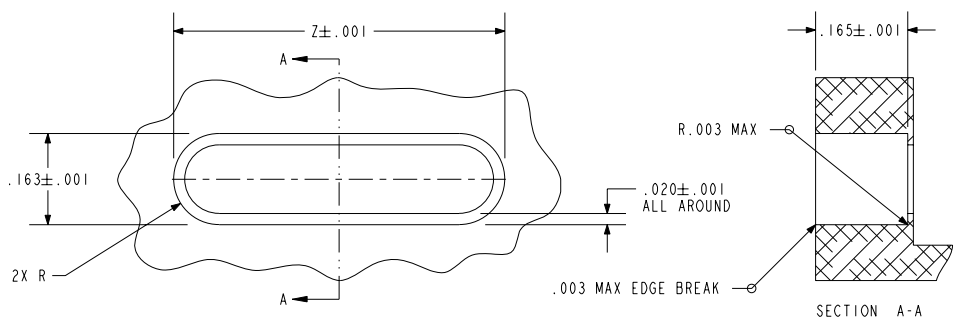
NOTES:

1. HOLE DIMENSIONS PER PAE-40458.
2. MATEABLE WITH CONNECTORS MANUFACTURED BY MIN-E-CON PER PAE-80633.
(MIN-E-CON, 17312 EASTMAN, IRVINE, CA. 92614, TEL: (949) 250-0087)
3. DESIGNED TO BE LASER WELDED TO AN ALUMINUM, STAINLESS STEEL OR TITANIUM HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
5. 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 600 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 4XXX-SERIES ALUMINUM OR COMPATIBLE TITANIUM.
 CONTACTS: 303 STAINLESS STEEL IAW SAE-AMS 5640R, TYPE I.
 INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
 INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
 THREADED BOSSES: 300-SERIES STAINLESS STEEL.
 INSERT: 300-SERIES STAINLESS STEEL.
7. FINISH:
 ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000250 THICK.
 GOLD PLATE IAW ASTM-B488, TYPE I, GRADE A, .000050/.000150 THICK.
8. ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING



NUMBER OF CONTACTS	A	W	Y	Z
9	.201	.500	.211	.503
15	.291	.590	.301	.593
21	.381	.680	.391	.683
25	.441	.740	.451	.743
31	.531	.830	.541	.833
37	.621	.920	.651	.923



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

TITLE: CONNECTOR, JR-D, HERMETIC

THIRD ANGLE PROJECTION

CAGE CODE: 64567

DOCUMENT: 0-93163

SALES DRAWING

VERSION: E.1

RELEASE DATE: 02-01-07

SHEET: 1 OF 1

pro/ENGINEER