

WARNING - THIS DOCUMENT CONTAINS TECHNICAL DATA, EXPORT OF WHICH IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS (EAR-600). DISCLOSURE TO FOREIGN PERSONS WITHOUT PRIOR U.S. GOVERNMENT APPROVAL IS PROHIBITED. VIOLATIONS OF THE EXPORT LAWS AND REGULATIONS ARE SUBJECT TO SEVERE CIVIL AND CRIMINAL PENALTIES.

NOTES:

- HOLE DIMENSIONS PER PAE-40458
- DESIGNED TO BE LASER WELDED TO A STAINLESS STEEL HOUSING.
- HERMETIC LEAK RATE LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC He AT 1 ATM DIFFERENTIAL PRESSURE.
- ELECTRICAL REQUIREMENTS:

INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT $500 \pm 10\%$ 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 300 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

- MATERIAL:
SHELL: 304L STAINLESS STEEL
CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197
HERMETIC INSULATORS: KRYOFLEX PROPRIETARY POLYCRYSTALLINE CERAMIC
INSULATOR BLOCK: TECHTRON PPS
INTERFACIAL SEAL: FLOUROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
POTTING: STYCAST

- FINISH:
CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290 .000100/.000250 THICK
GOLD PLATE IAW ASTM-B488, TYPE I, CODE A, .000050/.000150 THICK.

7. ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

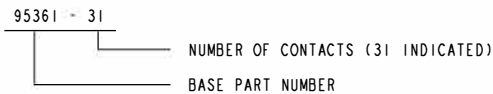
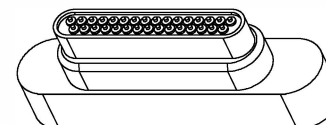
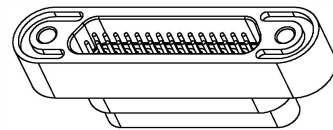
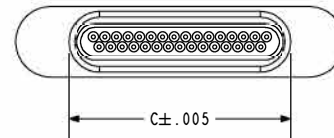
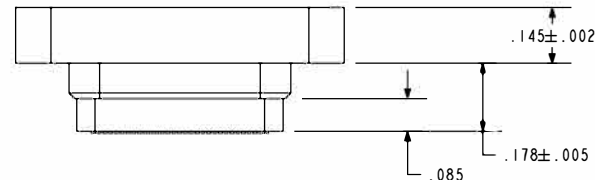
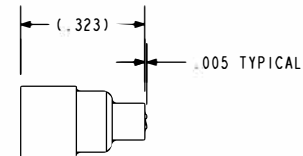
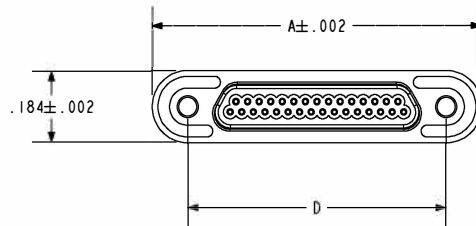
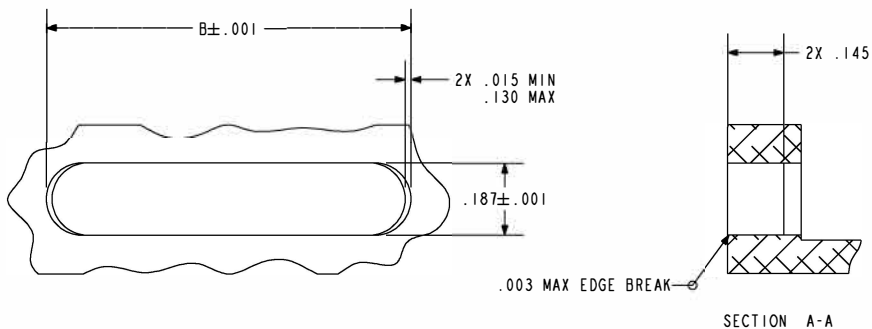


TABLE I				
NUMBER OF CONTACTS	A	B	C	D
9	.524	.527	.246	.340
15	.614	.617	.336	.430
21	.704	.707	.426	.520
25	.764	.767	.486	.580
31	.854	.857	.576	.670
33	.884	.887	.606	.700
35	.914	.917	.636	.730
37	.944	.947	.666	.760
51	1.154	1.157	.876	.970



SCALE 2.000

SCALE 2.000



SECTION A-A

HERMETIC SOLUTIONS GROUP
Enabling Technology

WWW.PACAERO.COM

TITLE:

CONNECTOR, JR-D

THIRD ANGLE PROJECTION



J/C: **EAR-600**

VERSION
A.0

RELEASE DATE:
11-20-15

SALES DRAWING

CAGE CODE:
64567

SCALE:
2.000

SHEET:
1 OF 1

DOCUMENT:
0-95361