

NOTES:

1. HOLE DIMENSIONS PER PAE-40458
2. DESIGNED TO BE LASER WELDED TO AN ALUMINUM HOUSING.
3. HERMETICITY NOT TESTED.
4. ELECTRICAL REQUIREMENTS:
  - INSULATION RESISTANCE: GREATER THAN 50,000 MEGOHMS AT  $500 \pm 10\%$  AT  $25^\circ\text{C}$  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.
5. MATERIAL:
  - SHELL: 4XXX-SERIES ALUMINUM.
  - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197
  - INSULATORS: KRYOFLEX 313-16 PROPRIETARY POLYCRYSTALLINE CERAMIC
  - INTERFACIAL SEAL FLOUROSIL CONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
6. FINISH:
  - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-290 .000100/.000250 THICK
  - GOLD PLATE IAW ASTM-B488. TYPE I GRADE A, .000125/.000200 THICK.
  - SHELL: CHEMICAL CONVERSION COAT IAW MIL-DTL-5541, CLASS 1A.
7. ORDERING INFORMATION:
  - PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

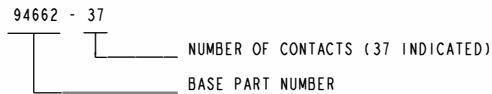
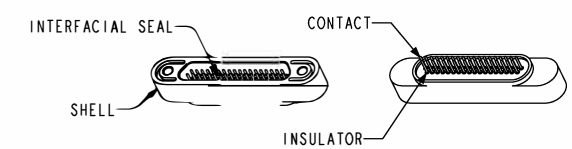
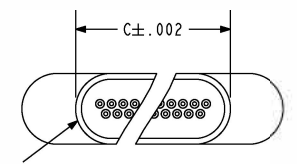
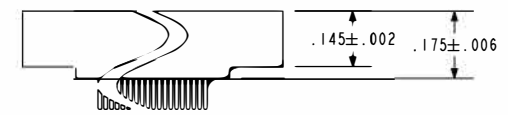
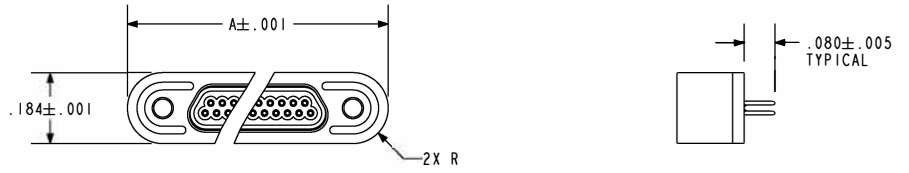
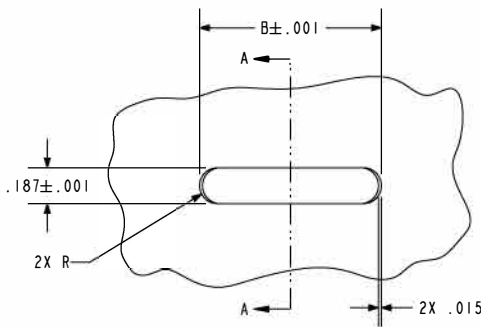


TABLE I			
NUMBER OF CONTACTS	A	B	C
9	.524	.527	.246
15	.614	.617	.336
21	.704	.707	.426
25	.764	.767	.486
31	.854	.857	.576
37	.944	.947	.666
51	1.154	1.157	.876



SCALE 1.000  
94662-37 SHOWN



SUGGESTED HOLE DETAIL

<p>A Division of HERMETIC SOLUTIONS The Helicopter Revolution</p> <p>434 Olds Station Rd. Wenatchee WA 98801</p>		<p>WWW.PACAERO.COM</p>	
TITLE:		THIRD ANGLE PROJECTION	
CONNECTOR, JR-D, RG, LP, AC, RECEPTACLE			
VERSION: C.0		CAGE CODE: 64567	
RELEASE DATE: 12-04-12		DOCUMENT: 0-94662	
SALES DRAWING		SHEET: 1 OF 1	
		pro/ENGINEER	