

NOTES:

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- 1. HOLE DIMENSIONS PER PAE-40458.
- 2. DESIGNED TO MATE WITH PAE JR-D RECEPTACLE CONNECTORS.
- 3. ELECTRICAL REQUIREMENTS:

INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±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 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION TO BE 1 SEC MIN.

- 4. MATERIALS:
  - SHELL EXPLOSION BONDED STAINLESS STEEL TO 4XXX-SERIES ALUMINUM.
  - CONTACTS: BERYLLIUM-COPPER IAW ASTM B196 OR ASTM B197.
  - INSULATIONS: KYROFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
  - INTERFACIAL SEAL: FLOUROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
  - HELICAL INSERTS: 300-SERIES STAINLESS STEEL.

- 5. ORDERING INFORMATION:

PLEASE SPECIFY ACCORDING TO THE FOLLOWING:

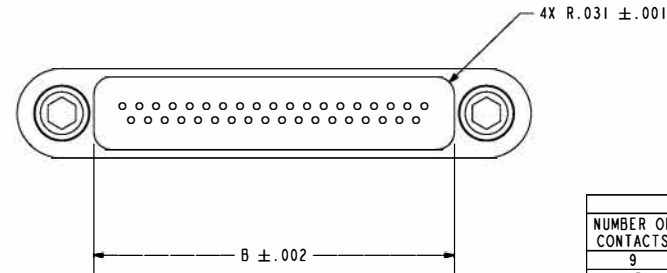
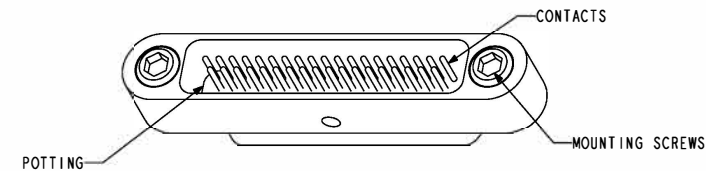
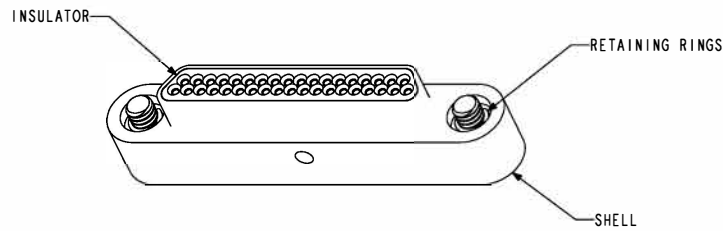
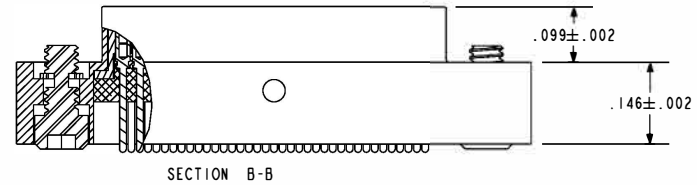
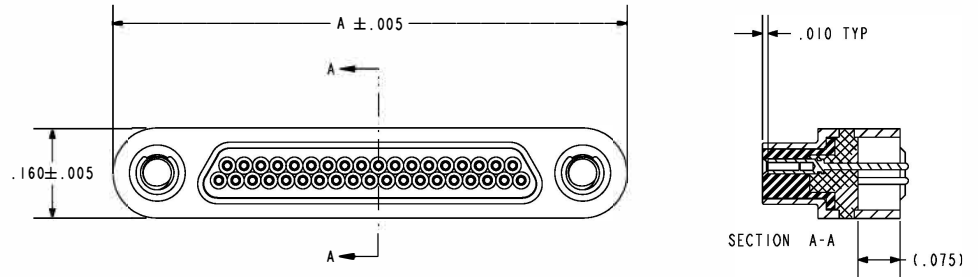
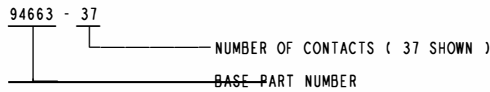


TABLE I		
NUMBER OF CONTACTS	A	B
9	.500	.225
15	.590	.315
21	.680	.405
25	.740	.465
31	.830	.555
37	.920	.645
51	1.130	.855

SCALE 2.500  
94663-37 SHOWN

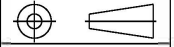
**PAE**  
The Hermetic Advantage  
A Division of  
**HERMETICSOLUTIONS**  
Enabling Technology  
434 Olds Station Rd. Wenatchee WA 98801

WWW.PACAERO.COM

TITLE:

CONNECTOR, RG, JR-D, PLUG

THIRD ANGLE PROJECTION



CAGE CODE: 64567

VERSION  
B.0

RELEASE DATE:  
09-16-11

SALES DRAWING

SHEET:  
1 OF 1

DOCUMENT:  
0-94663