NOTES:

1. HOLES AND INTERFACE DIMENSIONS PER MIL-PRF-83513/2.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-PRF-83513/1 AND MIL-PRF-83513/3.
3. DESIGNED TO BE LASER WELDED TO A TITANIUM HOUSING.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1x10^-9 CC/SEC At 1 ATM DIFFERENTIAL PRESSURE.
5. ELECTRICAL REQUIREMENTS:
   - INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±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 SUBJECT TO 600 VAC RMS 60Hz IAW MIL-PRF-83513/3.
   - DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   - WELD FLANGE: TITANIUM.
   - INSULATORS: KRYOFLEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   - INTERFACIAL SEAL: FLUOROSILICONE RUBBER IAW MIL-R-25988, CLASS I, TYPE II, GRADE 60.
7. FINISH:
   - CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, .000100/.000200 THICK.
   - GOLD PLATE IAW ASTM-8488, TYPE I, CODE A, .000050/.000150 THICK.
8. ORDERING INFORMATION:
   - PLEASE SPECIFY ACCORDING TO THE FOLLOWING

<table>
<thead>
<tr>
<th>PIN COUNT</th>
<th>TABLE I</th>
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<tbody>
<tr>
<td>BASE PART NUMBER TO ORDER</td>
<td>NUMBER OF CONTACTS</td>
</tr>
<tr>
<td>(9, 15, 21, 25, 31, OR 37)</td>
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</table>

CONTACTS
- 0.003 MAX EDGE BREAK
- 0.230±0.001

INSULATOR
- 2X R
- 0.003 MAX EDGE BREAK
- 0.230±0.001

SECTION A-A

RECOMMENDED HOLE DETAIL

WEB DESIGNER: A DIVISION OF HERMETIC SOLUTIONS

WWW.PACAEAO.COM

434 Olds Station Rd. Wenatchee WA 98801

STYLE: CONNECTOR, MICRO-D, TI-COMPATIBLE, FLANGE, LOW-PROFILE, W/FLATS

SALES DRAWING

B.I 01-12-11

434 Olds Station Rd. Wenatchee WA 98801