NOTES:
1. HOLES AND INTERFACE DIMENSIONS PER MIL-DTL-24308.
2. MATEABLE WITH CONNECTORS MANUFACTURED PER MIL-DTL-24308.
3. DESIGNED TO BE LASER WELDED INTO ALUMINUM HOUSINGS.
4. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO 1 X 10^-9 CC/SEC He 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 SUBJECTED TO 600 VAC RMS 60Hz IAW MIL-STD-1344, METHOD 3001.
   DURATION OF APPLICATION TO BE 1 SEC MIN.
6. MATERIALS:
   WELD FLANGE: EXPLOSION BONDED STAINLESS STEEL TO 4XXX-SERIES ALUMINUM.
   CONTACTS: BERYLLIUM-COPPER IAW ASTM B965/01/97.
   INSULATORS: KRYOTEX 313 PROPRIETARY POLYCRYSTALLINE CERAMIC.
   HELICAL INSERTS: 300-SERIES STAINLESS STEEL.
7. FINISH:
   CONTACTS: ELECTROLYTIC NICKEL PLATE IAW QQ-N-290, 0.00100/.000250 THICK.
   GOLD PLATE IAW ASTM D488, TYPE III, CODE A OR MIL-G-45204, TYPE III, GRADE A, 0.000100/.000150 THICK.
   WELD FLANGE: CHEMICAL CONVERSION COAT PER MIL-C-5541, CLASS IA.
8. ORDERING INFORMATION:
   PLEASE SPECIFY ACCORDING TO THE FOLLOWING: 93597-15

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**Recommended Hole Detail**

**CONNECTOR, SUB-D, AL COMPATIBLE, 15-PIN, CUSTOM**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Tolerance</th>
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<tbody>
<tr>
<td>A</td>
<td>.015±.003</td>
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<tr>
<td>.043±.002</td>
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</tr>
<tr>
<td>.003 MAX EDGE BREAK</td>
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<tr>
<td>.003 MAX</td>
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<tr>
<td>1.312±.004</td>
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<td>.526±.002</td>
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<td>SECTION A-A</td>
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**Scale: 1.000**

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**SALES DRAWING**

**Document: 0-93597**

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**Revised:** A.1  **Date:** 01-03-12

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434 Olds Station Rd, Wenatchee WA 98801

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THIRD ANGLE PROJECTION

CASE CODE: 64567