1. HERMETIC LEAK RATE: <= 1 x 10⁻⁹ CC/SEC at 1 ATM DIFFERENTIAL PRESSURE.
2. NOMINAL IMPEDANCE: 50 OMS.
3. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC RMS MIN. @ SEA LEVEL.
4. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
5. DESIGNED TO BE LASER WELDED TO ALUMINUM ALLOY 6061 HOUSING.
6. MATERIALS:
   WELD FLANGE: 4000 SERIES ALUMINUM
   CONTACT: KOVAR IAW ASTM-F15 OR MIL-I-23011
   INSULATOR: 7070 CORNING GLASS OR EQUIVALENT.
   GROUND SPRING: S. ST. IAW ASTM-A276 OR QQ-S-763.
7. FINISH: PIN AND BODY
   NICKEL PLATE PER IAW MIL-C-26074, .000100/.000250 THICK.
   GOLD PLATE PER ASTM B488, TYPE III, CODE A OR MIL-G-45204, TYPE III, GRADE A,
   .000050/.000150 THICK.
8. ORDERING INFORMATION:
   PLEASE SELECT ACCORDING TO THE FOLLOWING:
   EXAMPLE: 92763 - 200 - 030
   B = PIN EXTENSION (.020 MIN/.120 MAX)
   A = BODY LENGTH (.190 OR .200)

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**TABLE 1**

<table>
<thead>
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<th>PART NUMBER</th>
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<tr>
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<td>187</td>
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**SALES DRAWING**

ALUMINUM LASER WELDABLE .012 RF SSMA CONNECTOR

**PAGE 1**