CONNECTOR LIST

<table>
<thead>
<tr>
<th>CONNECTOR REFERENCE DESIGNATOR</th>
<th>TYPE</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1</td>
<td>9M-6DN</td>
<td>8331501876</td>
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<tr>
<td>J2</td>
<td>9F-SND</td>
<td>8331501870</td>
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<td>J3</td>
<td>1557</td>
<td>8331501878</td>
</tr>
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<td>J4</td>
<td>1558</td>
<td>8331501882</td>
</tr>
</tbody>
</table>

NOTES: UNLESS OTHERWISE SPECIFIED

1. * denotes center of mass.
2. GND strap interface.
3. Connector definition and location.
4. Max. envelope shown. All fasteners, wires, thermal blankets, or other hardware must be contained in this envelope. Electrical harnesses and vent valve holes may exceed beyond this envelope.
5. Mounting fasteners per NAS 1351N-10 1/8-32 UNF-3A SCH C Cap Screw and Washers supplied by GSPC. Torque to 30-40 in-lbs over running torque.
6. Total mass not to exceed 5.6Kg.
7. GN2 inlet location.
8. Contact area to structure.
9. Minimum wall thickness is 0.07.
10. Edge of sim table is to be within 0.10° of datum B.
11. Field of view is 15 degrees about the edge of the top detector.
12. Field of view is 40 degrees about the edge of the lower detector.

Massachusetts Institute of Technology
Boston University
Aero-astro

CRoTER
Mechanical Interface Drawing