The product described in this drawing uses standard materials and design approaches that are described in the PEI-Genesis Cable Assembly Cook Book and/or the PEI-Genesis Cable Assembly Work Book. This product as assembled is not subject to export restrictions according to the ITAR guidelines. Users of this product who incorporate it into other products are responsible for determination of the applicability of export restrictions to their completed product.

Existing bill of material entries on quantity or size of heatshrink tubing, labels, and tapes are subject to updates for manufacturability improvements.

**Notes:**

1. Parts must be completely assembled.
2. References and Standards: ASME Y14.5M-1994
3. For product compliance verification, part must meet the requirements and acceptance criteria for connectors, cable and wire harnesses in accordance to PEI-Genesis approved engineering and manufacturing guidelines/ processes.
4. Cable assembly must pass the following test requirements:
   - Electrical, continuity, miswire and open/ short
   - Mechanical, wire and terminal pull out and retention force
5. Product must meet PEI-Genesis approved quality assurance and workmanship standard.
6. Product must be identified, labeled, and shipped according to PEI Genesis Packaging Standard.
7. Labels and heatshrink length and sizes are subject to change per manufacturing improvements.
8. Label format

**Table A.**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CB6U18-11PS</td>
<td>CB 5C #12 PIN PLUG</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>2</td>
<td>93110</td>
<td>6&quot; CABLE TIE NAT 18LB</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>3</td>
<td>CPA100-1000-BLK</td>
<td>HEAT SHRINK 1&quot; THIN WALL</td>
<td>4</td>
<td>IN</td>
</tr>
<tr>
<td>4</td>
<td>AUF-14YEL</td>
<td>AWG14 ULTRAFLEX WIRE YELLOW</td>
<td>52</td>
<td>IN</td>
</tr>
<tr>
<td>5</td>
<td>AUF-14BK</td>
<td>AWG14 ULTRAFLEX WIRE BLACK</td>
<td>52</td>
<td>IN</td>
</tr>
<tr>
<td>6</td>
<td>52039-1/2</td>
<td>WC SFTI DB9 F/F NULL MODEM BLK</td>
<td>60</td>
<td>IN</td>
</tr>
<tr>
<td>7</td>
<td>SM2-3/8-WHT</td>
<td>HEAT SHRINK 2.1/3/8&quot; WHITE</td>
<td>2</td>
<td>IN</td>
</tr>
<tr>
<td>8</td>
<td>3125</td>
<td>EPOXY MEDIUM CURIE</td>
<td>8</td>
<td>GM</td>
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<tr>
<td>9</td>
<td>IPX100-0187-BLK</td>
<td>HEAT SHRINK 3/16&quot; THIN WALL</td>
<td>1</td>
<td>IN</td>
</tr>
<tr>
<td>10</td>
<td>IPX100-0047-BLK</td>
<td>HEAT SHRINK 3/16&quot; THIN WALL</td>
<td>2</td>
<td>IN</td>
</tr>
</tbody>
</table>

**Schematics:**

**Revision B**

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8. Label format

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