The product described in this drawing uses standard materials and design approaches that are described in the PEI-Genesis cable assembly code book and/or the PEI-Genesis cable assembly work book. This product as assembled is 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.

### TABLE A

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART OR IDENTIFYING NO.</th>
<th>NOMENCLATURE OR DESCRIPTION</th>
<th>REQD QTY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AIBC030U18-10PX0</td>
<td>CB 10C 4#12 PIN RREC WALL UNI</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>1</td>
<td>10-040561-000</td>
<td>EAB CON 12 PIN 1/42 F80 A36</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>3</td>
<td>225-0018-000</td>
<td>WIRE HOLE FILLERS</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>4</td>
<td>AUF-TC142</td>
<td>#6 WAX ULTRAFLEX 600 V</td>
<td>41</td>
<td>IN</td>
</tr>
<tr>
<td>5</td>
<td>SM22-4/LY-BLK</td>
<td>HEATSHRINK LABEL 3/4</td>
<td>1</td>
<td>IN</td>
</tr>
<tr>
<td>6</td>
<td>S125</td>
<td>EPOXY MEDIUM CORE</td>
<td>8</td>
<td>GM</td>
</tr>
<tr>
<td>7</td>
<td>R1110</td>
<td>CABLE TIE</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>8</td>
<td>EP100-100-BUX</td>
<td>HEAT SHRINK 1&quot; THIN WALL</td>
<td>1</td>
<td>IN</td>
</tr>
</tbody>
</table>

**WIRE ASSIGNMENT**

- **CONN PIN**
  - A: #14 BLK
  - B: #14 RED
  - C: HOLE FILLER
  - D: HOLE FILLER

**NOTES:**

1. PARTS MUST BE COMPLETELY ASSEMBLED, INSPECTED AND TESTED. REFER TO TABLE A FOR COMPLETE LIST OF MATERIALS.
2. REFERENCES AND STANDARDS
   - ASME Y14.5M-1994
   - CONV. ROUND OFF 1 INCH = 25.4 MM APPLIES.
3. FOR PRODUCT COMPLIANCE VERIFICATION, PART MUST MEET THE REQUIREMENTS AND ACCEPTANCE FOR CABLE AND WIRE HARNESS, IN ACCORDANCE WITH IPC/WHMA-A-620 AND PEI-GENESIS APPROVED ENGINEERING AND MANUFACTURING PROCESSES.
4. LISTED PART NUMBER ARE FOR REFERENCE ONLY. FOR UPDATED PARTS LIST, REFER TO CURRENT BILL OF MATERIAL.
5. REFER TO PEI-GENESIS WORKMANSHIP STANDARD, CAPI AND QUALITY GUIDELINES FOR MANUFACTURING STD. REQUIREMENTS.
6. PACKAGING PEI-GENESIS STANDARD PACKING.
7. LABEL: WHT PRINT ON BLACK BACKGROUND. SEE LABEL FORMAT.
8. ELECTRICAL TEST TYPE: CONTINUITY, MISWIRE AND OPEN SHORT.
9. MECHANICAL PULL TEST AS PER PEI APPROVED PULL TEST REQUIREMENTS!
10. LABEL FORMAT:

    PM WIND
    HA-070051-06
    YYWW
    PEI PART NUMBER
    DATE CODE

**NOTE:** CAD GENERATED DRAWING DO NOT UPDATE MANUALLY.