SPECIFICATION CONTROL DRAWING

**Not all combinations of wires equaling listed CMA’s will fit in sleeve.**

**MATERIAL**
2. SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Sn63 per ANSI J-STD-006.
   FLUX: TYPE ROL1 per ANSI J-STD-004.
   WEIGHT: 82 ±12mg.

**APPLICATION**
1. This part is designed to make in-line splices in wires, having tin or silver-plated conductors and insulations rated for 125°C minimum.
2. Part will provide environmental resistance on splices having no more than 2 wires per side.
3. Wires are to be stripped 12.7 (.5) and overlapped under solder preform.
4. Part is to be installed using a Raychem-approved infrared or convection heater in accordance with Raychem assembly procedure RCPS-200-09.
5. Parts conform to Boeing specification 5D0033.

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**SPECIFICATION CONTROL DRAWING**

THERMOFIT DEVICES
Raychem Corporation
300 Constitution Drive
Menlo Park, CA 94025 USA

**PRODUCT NAME**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>L (max)</th>
<th>A (min)</th>
<th>B (min)</th>
<th>J.O.D. (max)</th>
<th>CMA (Range)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-144-42 G</td>
<td>26.7 (1.050)</td>
<td>1.9 (0.075)</td>
<td>2.4 (0.095)</td>
<td>1.9 (0.095)</td>
<td>1100-2800</td>
</tr>
<tr>
<td>D-144-43 D</td>
<td>27.0 (1.060)</td>
<td>2.7 (0.105)</td>
<td>3.2 (0.125)</td>
<td>2.7 (0.105)</td>
<td>2200-4900</td>
</tr>
</tbody>
</table>

**NOTES**
- **DOC ISSUE:** 2
- **SCALE:** NONE
- **SIZE:** A
- **SHEET:** 1 of 1

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