SPECIFICATIONS:

1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG
   SOLID AND 24-30 STRANDED CONNECTOR WIRES.
2) DIELECTRIC: DIALY-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
3) CONTACT MATERIAL: COPPER ALLOY
4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD
   TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
6) CURRENT CAPACITY: 5 AMPS/CONTACT
7) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
   200 VOLTS D.C. AT 70,000 FEET
8) INSULATION RESISTANCE: >5000 M OHM
9) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
10) CONNECTOR MATING FORCE: REFER TO TABLE 1.
11) CONTACT RETENTION FORCE: 2 LBS MAX.
12) DURABILITY: 250 CYCLES MIN.
13) VIBRATION: NO INTERRUPTIONS < 14 SEC.
14) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)
15) MATERIAL SHOULD BE COMPLIANT AMPHENOL SPEC. # SSN001.

CUSTOMER INFORMATION DRAWING

<table>
<thead>
<tr>
<th>CONNECTOR SIZES</th>
<th>AVERAGE MATING FORCE (POUNDS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>5</td>
</tr>
<tr>
<td>24</td>
<td>8</td>
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<tr>
<td>36</td>
<td>12</td>
</tr>
<tr>
<td>50</td>
<td>15</td>
</tr>
<tr>
<td>64</td>
<td>19</td>
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</tbody>
</table>

Amphenol

SIZE: 50 CONTACT RECEPTACLE ASSEMBLY
RUNNING CABLE 25-50 END, DUST COVER

DIMENSIONS

SCALE: NONE

REVISIONS

<table>
<thead>
<tr>
<th>SYM</th>
<th>CW</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROVER</th>
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<tbody>
<tr>
<td>A</td>
<td>HK</td>
<td>INITIAL RELEASE</td>
<td>08/10/03</td>
<td>Y.M.LEE</td>
</tr>
<tr>
<td>B</td>
<td>HK</td>
<td>ADD CHOP OF ROHS</td>
<td>05/19/06</td>
<td>IP</td>
</tr>
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