SPECIFICATIONS:

1) SOLDER CUP CONTACT: TO ACCOMMODATE 22–30 AWG SOLID AND 24–30 STRANDED CONNECTOR WIRES.
2) DIELECTRIC: DIAZYL-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.

TABLE 1

<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>
</tr>
<tr>
<td>36</td>
<td>12</td>
</tr>
<tr>
<td>50</td>
<td>15</td>
</tr>
<tr>
<td>64</td>
<td>19</td>
</tr>
</tbody>
</table>

11) CONTACT RETENTION FORCE: 2 LBS MAX.
12) DURABILITY: 250 CYCLES MIN.
13) VIBRATION: NO INTERRUPTIONS < 1u SEC.
14) OPERATING TEMPERATURE: -55°C TO +105°C
   (-67°F TO +221°F)

CUSTOMER INFORMATION DRAWING