**SP-42**

**Description:**

Triad's high reliability audio transformers provide the durability and precision required in today’s demanding designs. These transformers are available for a wide variety of applications.

**Electrical Specifications (@25C)**

<table>
<thead>
<tr>
<th>Power level (mW)</th>
<th>Matching Impedance</th>
<th>Max. Max DC Unbalance in Primary</th>
<th>DC Resistance (Ω)</th>
<th>Overall Turns Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>150 CT</td>
<td>12</td>
<td>10.0</td>
<td>18.0</td>
</tr>
</tbody>
</table>

**Operating Temperature:** -40°C to 85°C

**Storage Temperature:** -40°C to 85°C

**Humidity:** Storage Humidity: 10 to 95% RH, non-condensing

**Frequency Response:** ± 2.0 DB, at 300 Hz to 100K Hz

**Pri-Sec Hipot test (Pri-Sec):** 1,000 VRMS for 1 sec.

**Working voltage:** 150VDC

**Construction:**

Plug-in terminals are precision spaced to provide fixed mounting centers. Epoxy molded case includes a .020” recess for ease of solder inspection. Leads are made of high strength Nickel alloy, gold plated and are .020” in diameter.

**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

*Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics website for the most current version. For soldering and washing information please see http://www.triadmagnetics.com/faq.html*