**MET-39-T**

**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 (@20°C)**

<table>
<thead>
<tr>
<th>Power level (mW)</th>
<th>Matching Impedance</th>
<th>Max. Ma DC Unbalance in Primary</th>
<th>DC Resistance (Ω)</th>
<th>Overall Turns Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>500Ω</td>
<td>50Ω</td>
<td>3.0</td>
<td>55</td>
</tr>
</tbody>
</table>

**Operating Temperature:** -20°C to 85°C

**Storage Temperature:** -55°C to 105°C

**Frequency Response:** ± 2.0 dB, at 300 Hz to 100K Hz (1 KHz Ref.)

**Longitudinal Balance:** 60dB Min @ 1 KHz

*Max power at 300Hz

**Pri-Sec Hipot test (Pri-Sec):** 500 VRMS for 30 sec.

**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 Tin plated 0.020” 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](http://www.triadmagnetics.com/faq.html)