TY-311P

Description:
The TY series transformers are used for a variety of applications including impedance matching, isolation, repeat coil, line balancing, bridging and hybrid circuits.

Electrical Specifications at 25° C:

<table>
<thead>
<tr>
<th>Impedance (Ohms)</th>
<th>Max. DC Current (mA)</th>
<th>Typ. Insertion Loss (dB)</th>
<th>Typ. Return Loss (dB)</th>
<th>Typ. Freq. Response (dB)</th>
<th>DCR (Ohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pri 600</td>
<td>Sec 600</td>
<td>0</td>
<td>1.0</td>
<td>26</td>
<td>±.5</td>
</tr>
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<td>1.0</td>
<td>26</td>
<td>±.5</td>
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</tr>
</tbody>
</table>

Designed to meet FCC Part 68

Longitudinal Balance: (FCC 68.310) – 60 dB min. 200 – 1000 Hz
45 dB min. 1000 – 4000 Hz

Dielectric Strength: (FCC 68.304) – 1500VAC

Power Level: -45 dBm to +7 dBm

Frequency Range: Data/Voice = 300 to 3500 Hz
Data = 800 to 3500 Hz

Operating Temperature: -20°C ~ 85°C

Schematic:

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