

### TY - 307P

#### 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:

| Impedance (Ohms) |     | Max. DC Current (mA) | Typ. Insertion Loss (dB) | Typ. Return Loss (dB) | Typ. Freq. Response (dB) |
|------------------|-----|----------------------|--------------------------|-----------------------|--------------------------|
| Pri              | Sec |                      |                          |                       |                          |
| 600              | 600 | 0                    | 1.0                      | 26                    | ±.5                      |

#### Designed to meet FCC Part 68

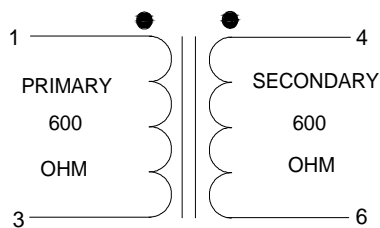
**Longitudinal Balance:** (FCC 68.310) – 60 dB min. 200 – 1000 Hz  
45 dB min. 1000 – 4000 Hz

**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

#### Schematic:



**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS 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>

