

### TY - 300 P

#### Description:

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

#### Electrical Specifications at 25° C:

| Impedance<br>(Ohms) |         | Max. DC<br>Current<br>(mA) | Typ.<br>Insertion<br>Loss (dB) | Typ.<br>Return<br>Loss (dB) | Trans-Hybrid<br>Loss<br>(dB) |
|---------------------|---------|----------------------------|--------------------------------|-----------------------------|------------------------------|
| Pri                 | Sec     |                            |                                |                             |                              |
| 600 (4W)            | 600/600 | 0                          | .80                            | 30                          | 50                           |

#### Designed to meet FCC Part 68

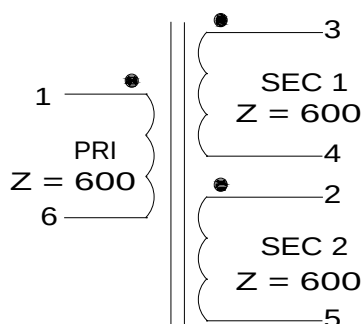
**Longitudinal Balance:** (FCC 68.310) – 60 dB min. 200 – 1000 Hz  
45 dB min. 1000 – 4000 Hz

**Dielectric Strength:** (FCC 68.304) – 1500VAC

**Power Level:** -45 dBm to +7 dBm

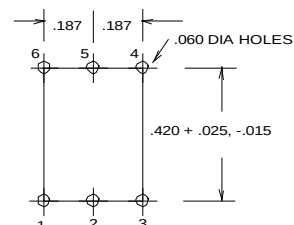
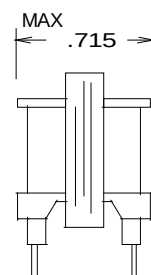
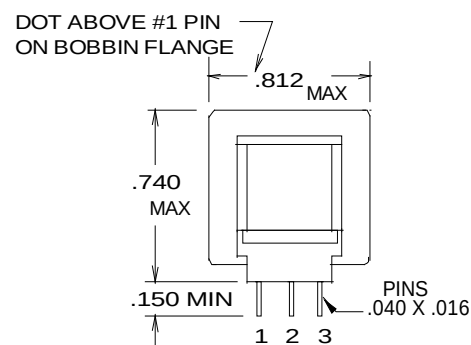
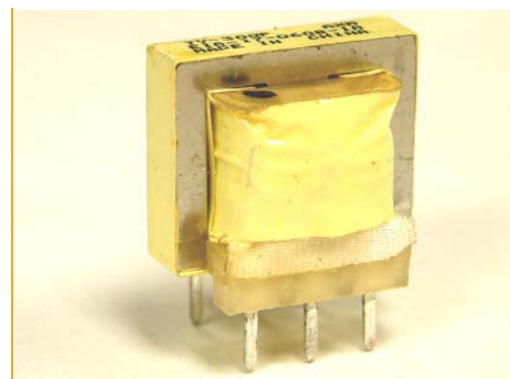
**Frequency Range:** 300 to 3500 Hz

#### Electrical 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>



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