

# Audio Transformer Data/Voice Coupling

## TY-401P

#### **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		Max. DC	Тур.	Тур.	Typ. Freq.	DCR	
(Ohms)		Current	Insertion	Return	Response	(Ohms)	
Pri	Sec	(mA)	Loss (dB)	Loss (dB)	(dB)	Pri	Sec
600CT	600CT	90	1.75	15	±.5	76.53	108

CT = Center Tap

#### **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

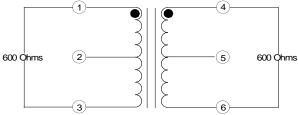
Frequency Range: 300 to 3500 Hz

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

#### **Outline Dimensions:**

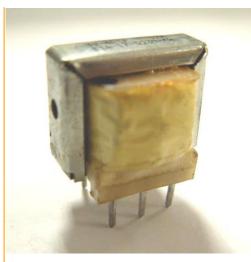
А	В	С	
.820 Max	.750 Max	.715 Max	

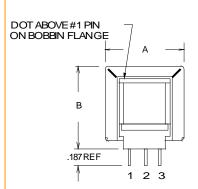
### **Electrical Schematic:**

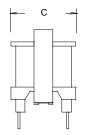


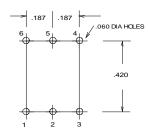
**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\*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









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