

# Audio Transformer Data/Voice Coupling

# TY-301P

### **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		Max. DC	Тур.	Тур.	Typ. Freq.	DCR	
(Ohms)		Current	Insertion	Return	Response	(Ohms)	
Pri	Sec	(mA)	Loss (dB)	Loss (dB)	(dB)	Pri	Sec
600	900	0	1.0	26	±.5	36	76

#### **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

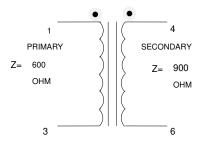
Power Level: -45 dBm to +7 dBm

Frequency Range: Data/Voice = 300 to 3500 Hz

Data = 800 to 3500 Hz

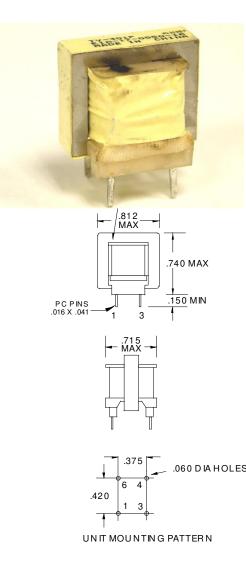
Operating Temperature: -20°C ~ 85°C

#### 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



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