

# Audio Transformer Data/Voice Coupling

## TY-402P

#### **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 |
| 600       | 600 | 90      | 1.75      | 13        | ±.5        | 80     | 112 |



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

45 dB min. 1000 – 4000 Hz

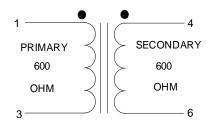
Dielectric Strength: (FCC 68.304) - 1500VAC

Power Level: -45 dBm to +7 dBm

Frequency Range: 300 to 3500 Hz

Operating Temperature: -20°C ~ 85°C

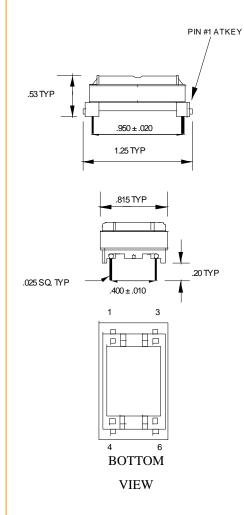
#### **Electrical Schematic:**



**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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