

TY - 146P

Description:

These transformers operate in the 200 Hz to 15,000 Hz range, making them suitable for a broad application spectrum in the audio industry. These devices are used in line matching, telephone coupling, pulse trigger, driver, interstage, output, isolation and input applications.

Operating Temperature Range: 0° C to 105° C

Electrical Specifications at 25° C:

1. Primary Impedance: 600Ω CT / 150Ω
+ 15% with 600Ω load
2. Secondary Impedance: 600Ω CT / 150Ω
3. Output: 1W
4. Primary DC Unbalance: 0 Ma
5. Frequency Response: ± 2db from 200 to 15,000 Hz
6. Impedance Matching: 10% over full frequency range
7. Longitudinal Balance > 45db
8. Insertion Loss @ 1K Hz: < 1.5db
9. Return Loss: > 26db
10. Total Harmonic Distortion < 0.5% between 275Hz and 3.5KHz
11. DCR:

Primary (1-2)	17Ω Nominal	□ □
Primary (3-4)	19Ω Nominal	□ □
Secondary (5-6)	14.5Ω Nominal	
Secondary (7-8)	22Ω Nominal	
12. Turns Ratio: 1 : 1
13. Dielectric Strength: 1500V Pri to Sec to Core

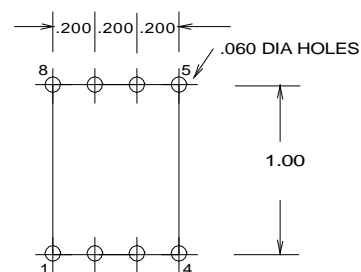
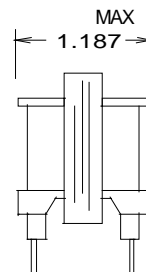
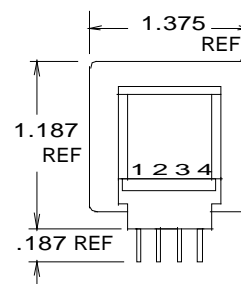
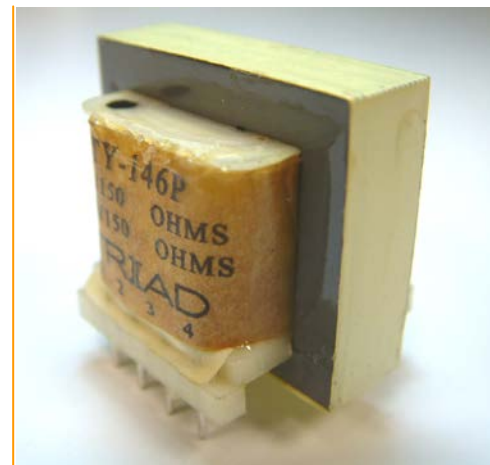
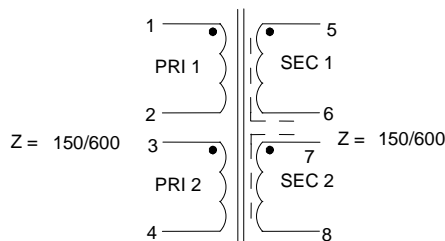
Construction:

Bobbin has plug-in terminals which are spaced to provide fixed mounting centers. Pins are a rugged .042" square, minimizing the incidence of bent pins from handling.

Outline Dimensions:

- A. Dimensions: As figures show
- B. PIN DIM. : .0375" x .020"
- C. Weight. : 3.0 oz.

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>