

TY - 145P

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: -40° C to 85° C

Electrical Specifications at 25° C:

1. Primary Impedance: 600Ω CT ±15% with 600Ω load
2. Secondary Impedance: 600Ω CT
3. Output: 100mW
4. Primary DC Unbalance: 15 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 (1-3)	44Ω Nominal
Secondary (4-6)	58Ω Nominal
12. Turns Ratio: 1: 1
13. Dielectric Strength: 1500V Pri to Sec to Core

Construction:

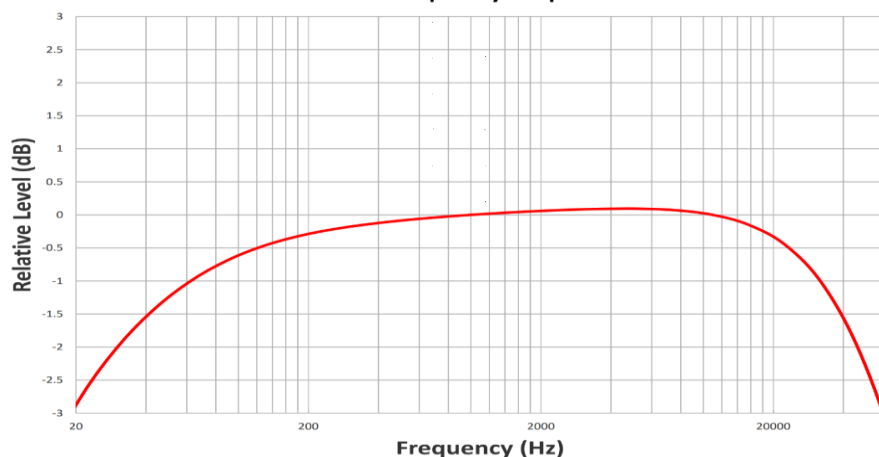
Bobbin has plug-in terminals which are spaced to provide fixed mounting centers. Pins are a rugged .042" square, minimizing the incidence of bent pins from handling.

Outline Dimensions:

- A. Dimensions: As figures show
- B. PIN DIM.: .0375" x .020"
- C. Weight: 0.51 oz.

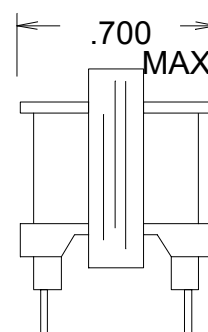
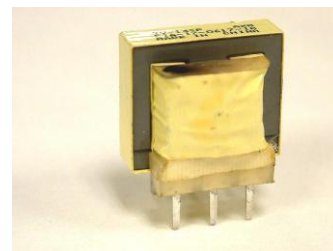
Schematic:

TY-145P Frequency Response

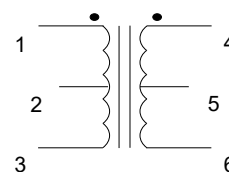
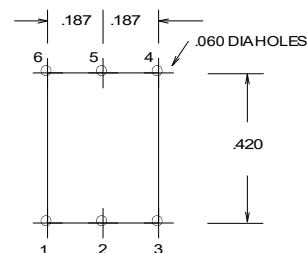
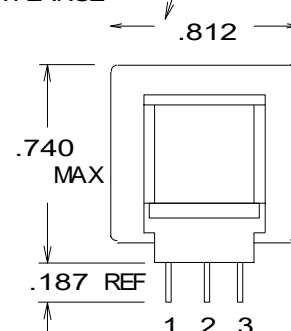


RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

*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>



DOT ABOVE #1 PIN
ON BOBBIN FLANGE



Z = 600 CT TO 600 CT

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