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: -20°C to 85°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.

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

web: www.TriadMagnetics.com
Phone 951-277-0757
Fax 951-277-2757

460 Harley Knox Blvd.
Perris, California 92571

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