**TY - 1 4 5 P**

**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:** -20º C to 85º C

**Electrical Specifications at 25º 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: .51 oz.

**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.

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