T Y - 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: 0º C to 105º 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 and3.5KHz
11. DCR:
          Primary (1-3)   44Ω☐☐Nominal   ☐☐
          Secondary (4-6)   58Ω Nominal
12. Turns Ratio: 1 : 1
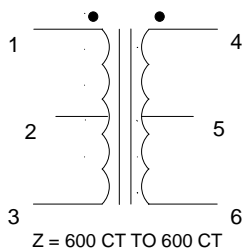13. Dielectric Strength   1500V Pri to Sec to Core

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:

1 ● ●
2
3
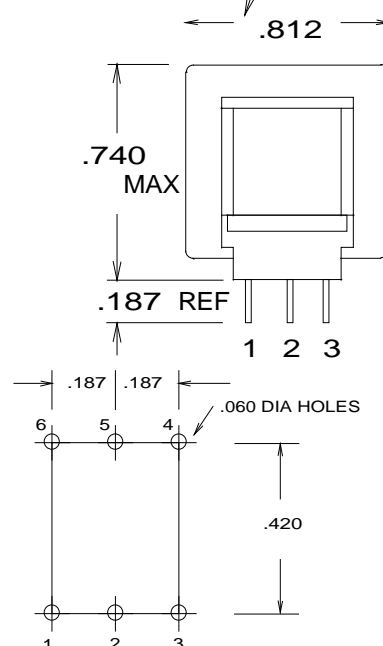4
5
6

Z = 600 CT TO 600 CT

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

.700 MAX
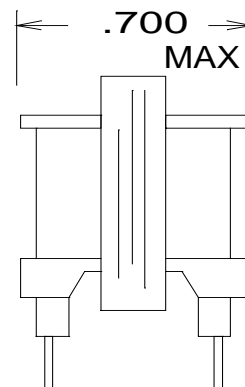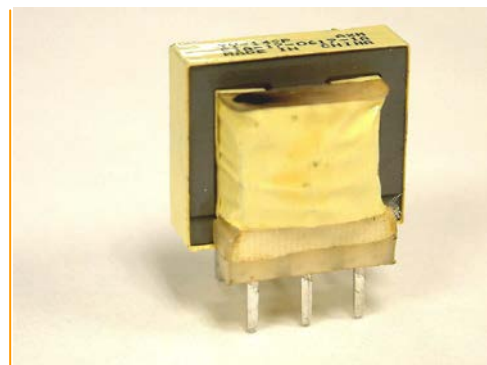
DOT ABOVE #1 PIN ON BOBBIN FLANGE

.812

.740 MAX

.187 REF

1   2   3

.187 | .187

.060 DIA HOLES

6   5   4

.420

1   2   3

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