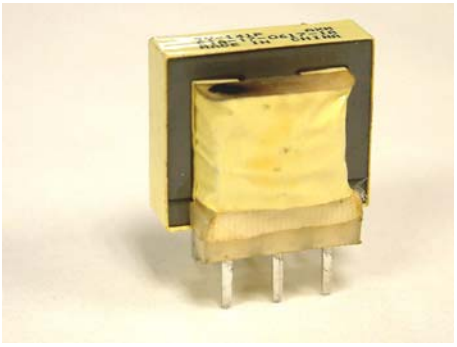
TRIAD MAGNETICS

Audio Transformer

PC Mount

T Y - 1 4 1 P



Description:

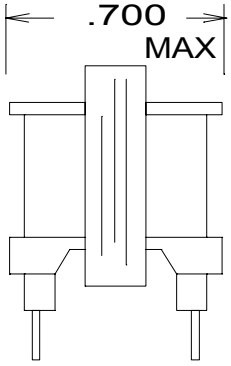
These transformers operate in the 200 Hz to 15,000 Hz range, making them suitable for a broad application spectrum in the audio industry. These devices are used in line matching, telephone coupling, pulse trigger, driver, interstage, output, isolation and input applications.

Operating Temperature Range:

0º C to 105º C

Electrical Specifications at 25º C:

1.	Primary Impedance:	10000Ω CT
2.	Secondary Impedance:	10000Ω CT
3.	Output:	100mW
4.	Primary DC Unbalance:	4 ~~MamA~~
5.	Frequency Response:	+ ~~2db~~ 2dB from 200 to 15,000 Hz
6.	Impedance Matching:	10% over full frequency range
7.	Longitudinal Balance	> ~~45db~~45dB
8.	Insertion Loss @ 1K Hz:	< 1.~~5db~~5dB
9.	Return Loss:	> ~~26db~~26dB
10.	Total Harmonic Distortion	< 0.5% between 275Hz and3.5KHz
11.	DCR:	
	Primary (1-3)	820Ω Nominal
	Secondary (4-6)	1070Ω Nominal
12.	Turns Ratio:	1 : 1
13.	Dielectric Strength	1500V Pri to Sec to Core

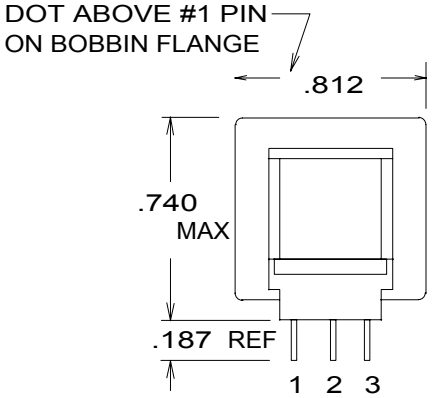


Construction:

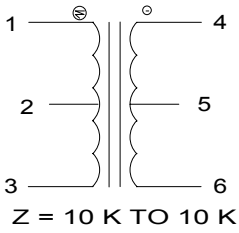
Bobbin has plug-in terminals which are spaced to provide fixed mounting centers. Pins are ~~a~~ rugged ~~.042" square~~, minimizing the incidence of bent pins from handling.

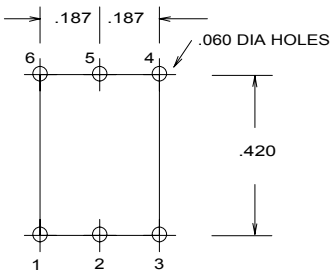
Outline Dimensions:

A. Dimensions: As figures show
B. PIN DIM. : .~~0375~~042" x .020"
C. Weight. : 0.51 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.

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