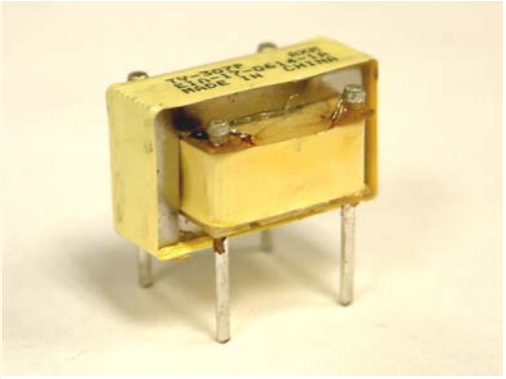
TRIAD MAGNETICS

Audio Transformer
Data/Voice Coupling

T Y - 3 0 7 P



Description:

The TY series transformers are used for a variety of applications including impedance matching, isolation, repeat coil, line balancing, bridging and hybrid circuits.

Electrical Specifications at 25º C:

Impedance (Ohms)		Max. DC Current	Typ. Insertion	Typ. Return	Typ. Freq. Response
Pri	Sec	(mA)	Loss (dB)	Loss (dB)	(dB)
600	600	0	1.0	26	±.5

Designed to meet FCC Part 68

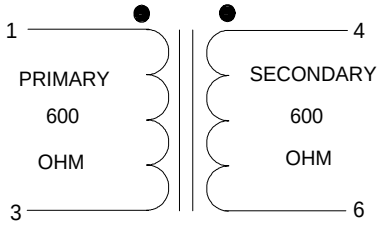
Longitudinal Balance: (FCC 68.310) – 60 dB min. 200 – 1000 Hz
45 dB min. 1000 – 4000 Hz

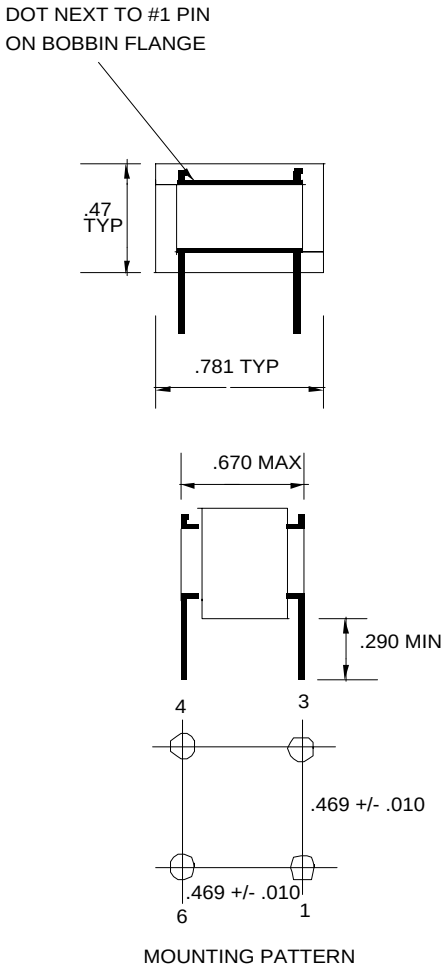
Dielectric Strength: (FCC 68.304) – 1500VAC

Power Level: -45 dBm to +7 dBm

Frequency Range: Data/Voice = 300 to 3500 Hz
Data = 800 to 3500 Hz

Schematic:





MOUNTING PATTERN

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

*Upon printing, this document is considered “uncontrolled”.Please contact Triad Magnetics website for the most current version.

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Publish Date: June 22, 2006