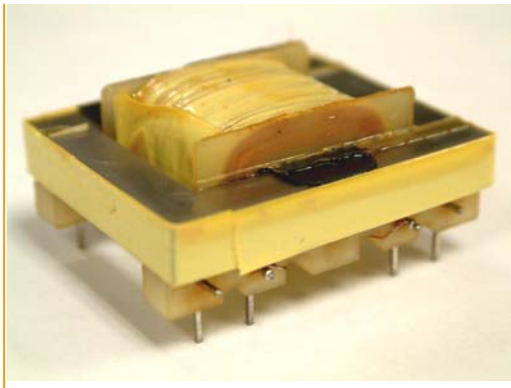
TRIAD MAGNETICS

Audio Transformer

Data/Voice Coupling

T Y - 3 0 6 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	75	1.5	10	±.5

§ = Split Winding

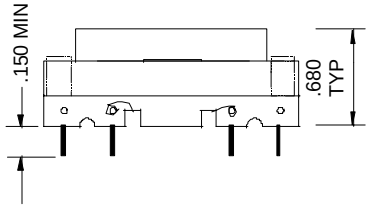
Designed to meet FCC Part 68

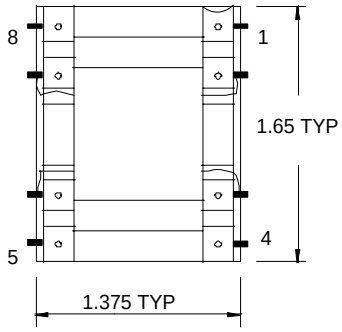
Longitudinal Balance: (FCC 68.310) – 60 dB min. 200 – 1000 Hz
45 dB min. 1000 – 4000 Hz

Dielectric Strength: (FCC 68.304) – 1500VAC

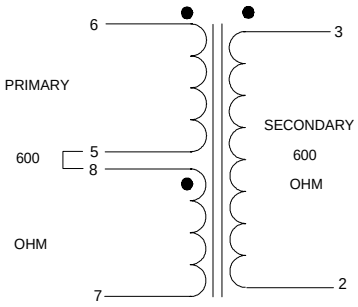
Power Level: -45 dBm to +7 dBm

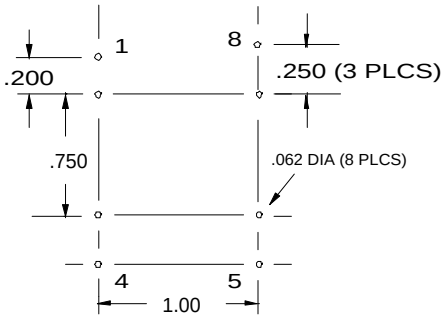
Frequency Range: Data/Voice = 300 to 3500 Hz
Data = 800 to 3500 Hz





Schematic:





UNIT MOUNTING PATTERN

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.

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