

Audio Transformer Data/Voice Coupling

TY-306P

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 25° C:

Impedance		Max. DC	Тур.	Тур.	Typ. Freq.	DCR	
(Ohms)		Current	Insertion	Return	Response	(Ohms)	
Pri	Sec	(mA)	Loss (dB)	Loss (dB)	(dB)	Pri	Sec
600§	600	75	1.5	10	±.5	31/31	108

§ = 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

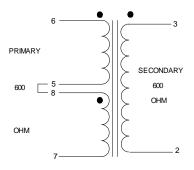
Power Level: -45 dBm to +7 dBm

Frequency Range: Data/Voice = 300 to 3500 Hz

Data = 800 to 3500 Hz

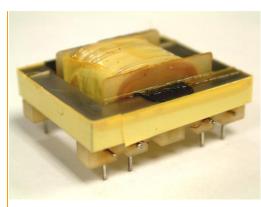
Operating Temperature: -20°C ~ 85°C

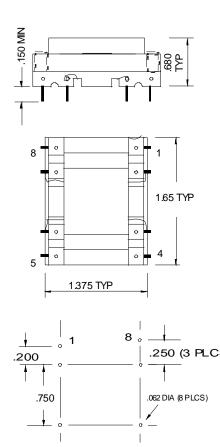
Schematic:



RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

*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





⊢ 1.00 → UNIT MOUNTING PATTERN