

TY - 301P

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 (Ohms) | | Max. DC Current (mA) | Typ. Insertion Loss (dB) | Typ. Return Loss (dB) | Typ. Freq. Response (dB) | DCR (Ohms) | |
|------------------|-----|----------------------|--------------------------|-----------------------|--------------------------|------------|-----|
| Pri | Sec | | | | | Pri | Sec |
| 600 | 900 | 0 | 1.0 | 26 | ±.5 | 36 | 76 |

Designed to meet FCC Part 68

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

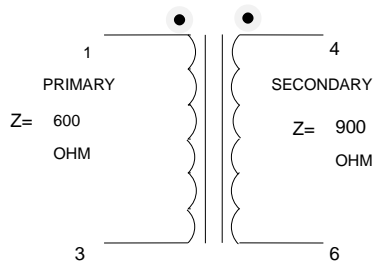
Dielectric Strength: (FCC 68.304) – 1500VAC

Power Level: -45 dBm to +7 dBm

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

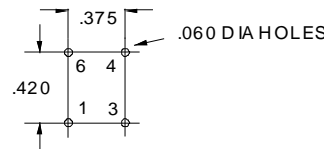
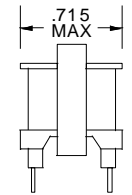
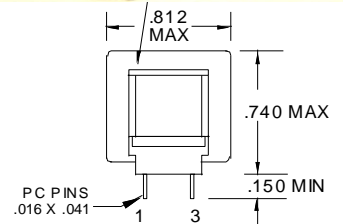
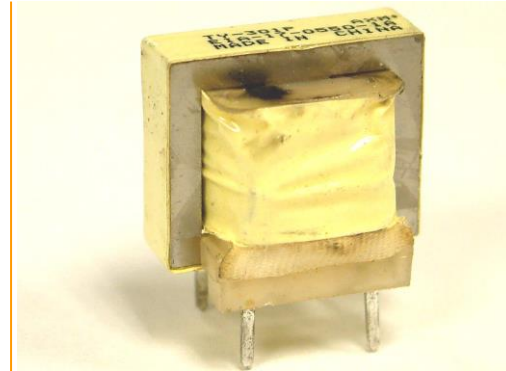
Operating Temperature: -20°C ~ 85°C

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>



UNIT MOUNTING PATTERN