

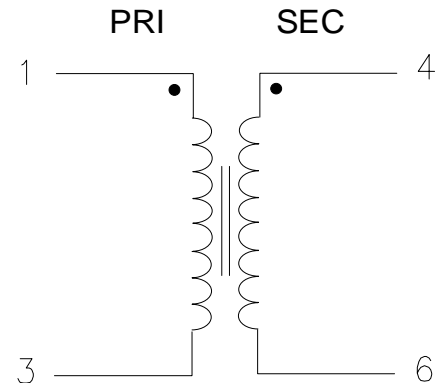
# Audio Transformer P/N T-1024

Impedance Matching Transformers  
for telecommunications.

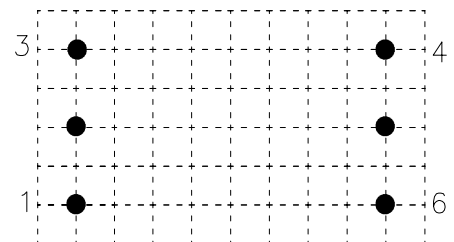
Isolation is 1250 VAC minimum  
Longitudinal Balance is 60dB minimum  
Designed to meet FCC part 68  
Custom Designs Available

| PARAMETER                                 |                  | UNITS    |
|---|------------------|----------|
| Primary Impedance                         | 600              | $\Omega$ |
| With 374 ohms on Secondary.               |                  |          |
| Primary DC Resistance                     | 108 $\pm$ 10%.   | $\Omega$ |
| Secondary DC Resistance                   | 120 $\pm$ 10%.   | $\Omega$ |
| DC Current (Unbalanced)                   | 0                | mA       |
| Frequency Response<br>200Hz - 4kHz        | $\pm$ 0.25       | dB       |
| Insertion Loss @ 1kHz                     | 2.0 $\pm$ 0.25dB | dB       |
| Distortion<br>at 600 Hz, -10 dBm (V.34)   | -82 Max.         | dB       |
| Longitudinal Balance<br>at 200 Hz to 1kHz | 60 Min.          | dB       |
| at 1 kHz to 4kHz                          | 40 Min.          | dB       |
| Turns Ratio                               | 1 : 1 $\pm$ 2%   |          |

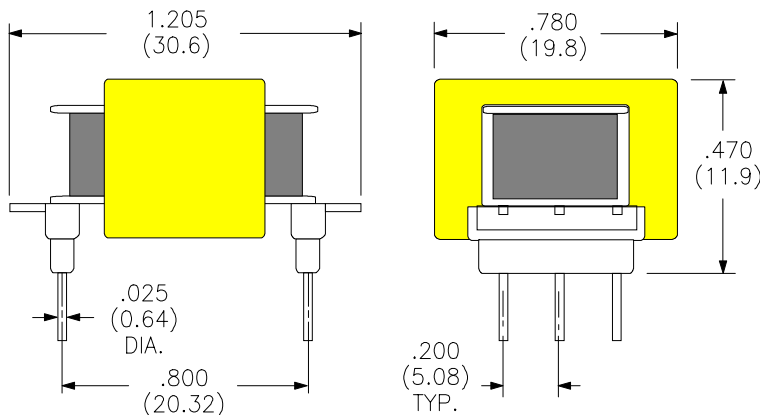
Schematic Diagram



FOOT PRINT



Physical  
Dimensions  
inches (mm)



PIN 2 REMOVED

Pin  
Position  
Grid  
0.100  
(2.54)

● Holes  
For  
Bobbin  
Pins

5/29/97