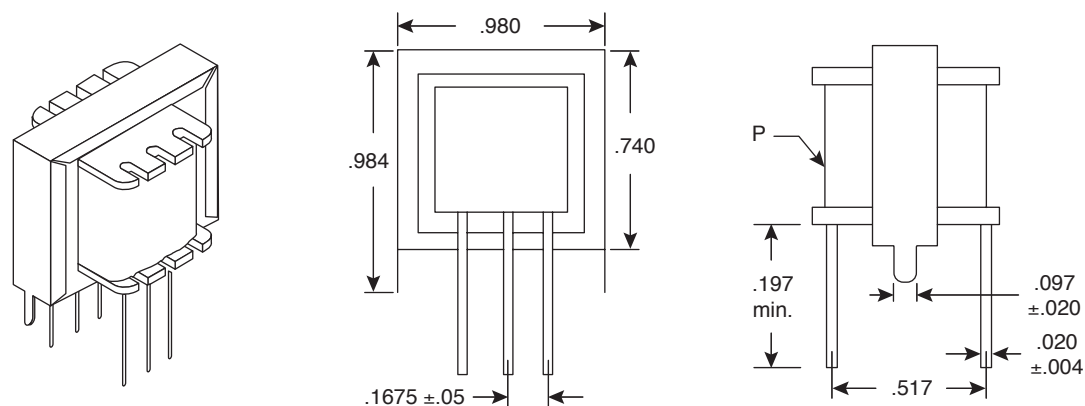


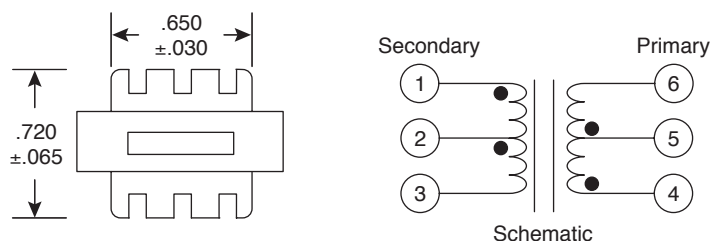


## Audio Transformers

## 42TU Series



Dimensions (In.)



### Specifications

- Core type / size: EI-24
- Impedance variation:  $\pm 10\%$  @ 1KHz
- D.C. resistance:  $\pm 15\%$
- Isolation voltage(primary to secondary): 100VDC min. @ 10M $\Omega$
- Breakdown voltage: 100VAC hipot for 1 minute
- Insulation: >10M $\Omega$  @ 100VDC
- Max. output: 460mW
- Frequency response:  $\pm 3\text{dB}$ , 300-3.4KHz @ 1KHz 0dB
- Waxing: vacuum treatment
- Can be water washed with water temperature less than 20°C
- RoHS Compliant

| Mouser<br>Stock No. | Impedance     |              | Resistance   |              |
|---------------------|---------------|--------------|--------------|--------------|
|                     | Primary       | Secondary    | Primary      | Secondary    |
| 42TU002-RC          | 10K $\Omega$  | 2K $\Omega$  | 600 $\Omega$ | 155 $\Omega$ |
| 42TU003-RC          | 1.2K $\Omega$ | 8 $\Omega$   | 75 $\Omega$  | 1 $\Omega$   |
| 42TU008-RC          | 800 $\Omega$  | 8 $\Omega$   | 40 $\Omega$  | 1 $\Omega$   |
| 42TU011-RC          | 1.5K $\Omega$ | 500 $\Omega$ | 120 $\Omega$ | 50 $\Omega$  |
| 42TU012-RC          | 10K $\Omega$  | 5K $\Omega$  | 425 $\Omega$ | 220 $\Omega$ |
| 42TU013-RC          | 1K $\Omega$   | 8 $\Omega$   | 75 $\Omega$  | 1 $\Omega$   |
| 42TU016-RC          | 600 $\Omega$  | 600 $\Omega$ | 65 $\Omega$  | 55 $\Omega$  |
| 42TU019-RC          | 10K $\Omega$  | 600 $\Omega$ | 600 $\Omega$ | 100 $\Omega$ |
| 42TU048-RC          | 48 $\Omega$   | 8 $\Omega$   | 2.5 $\Omega$ | 0.5 $\Omega$ |
| 42TU120-RC          | 120 $\Omega$  | 8 $\Omega$   | 7 $\Omega$   | 0.7 $\Omega$ |
| 42TU200-RC          | 200 $\Omega$  | 8 $\Omega$   | 12 $\Omega$  | 0.5 $\Omega$ |
| 42TU400-RC          | 500 $\Omega$  | 8 $\Omega$   | 18 $\Omega$  | 0.7 $\Omega$ |
| 42TU500-RC          | 500 $\Omega$  | 500 $\Omega$ | 35 $\Omega$  | 28 $\Omega$  |



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XC-600133

Date Revised: 6/26/06

# Mouser Electronics

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