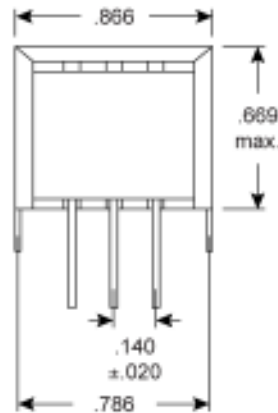


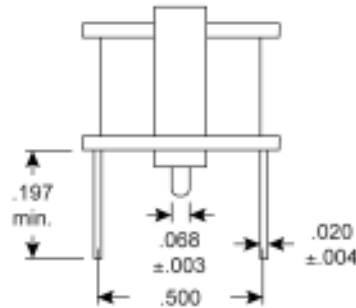
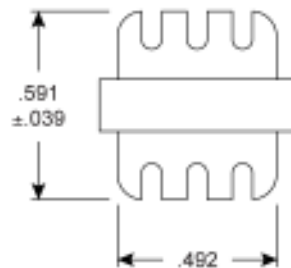
Dimensions (In.)



Schematic: A



Schematic: B

**Specifications:**

- Impedance variation: $\pm 10\%$ @ 1KHz
- DC resistance tolerance: $\pm 15\%$
- Frequency response: $\pm 3\text{dB}$, 300~3.4KHz @ 1KHz 0dB
- Withstand voltage: 100VAC hipot for 1 minute
- Insulation withstand voltage: 2100VDC for 1 minute

- Insulation resistance: $> 10\text{M}\Omega$ @ 100VDC
- Storage & operating temperature: $-30^{\circ}\sim+80^{\circ}\text{C}$
- Core type/size: EI-19
- Waxing: vacuum treatment
- Maximum output: 200mW
- PC leads are soft metal wire and can be adjusted to fit a variety of applications.

| Mouser Stock No. | Impedance (Ω) | | Resistance (Ω) | | Turns |
|------------------|------------------------|------|-------------------------|------|-----------|
| | Pri. | Sec. | Pri. | Sec. | Pri.:Sec. |
| Schematic: A | | | | | |
| 42TM001 | 500 | 8 | 26 | 1.0 | 8.108:1 |
| 42TM002 | 10K | 2K | 600 | 155 | 2.357:1 |
| 42TM003 | 1.2K | 8 | 80 | 1 | 12.432:1 |
| 42TM004 | 280 | 8 | 12 | 1 | 5.081:1 |
| 42TM008 | 800 | 8 | 40 | 1 | 10.270:1 |
| 42TM011 | 1.5K | 500 | 120 | 50 | 1.807:1 |
| 42TM012 | 10K6 | 5K | 900 | 500 | 1.473:1 |
| 42TM016 | 600 | 600 | 65 | 55 | 1:1 |
| 42TM017 | 25K | 600 | 1K | 80 | 6.627:1 |
| 42TM020 | 600 | 900 | 36 | 50 | 1.187:1 |
| 42TM021 | 4K | 600 | 244 | 77 | 2.603:1 |
| 42TM022 | 1.5K | 600 | 65 | 45 | 1.725:1 |
| 42TM023 | 600 | 300 | 55 | 30 | 1.527:1 |
| 42TM026 | 500 | 16 | 50 | 5 | 4.875:1 |
| 42TM030 | 100 | 100 | 9.25 | 7.8 | 1:1 |
| 42TM114 | 4.6K | 20 | 300 | 2 | 15.75:1 |
| 42TM117 | 50K | 1K | 1.2 | 42 | 8.726:1 |
| 42TM118 | 400 | 8 | 40 | 1 | 6.75:1 |

| Mouser Stock No. | Impedance (Ω) | | Resistance (Ω) | | Turns |
|------------------|------------------------|------|-------------------------|------|-----------|
| | Pri. | Sec. | Pri. | Sec. | Pri.:Sec. |
| Schematic: A | | | | | |
| 42TM006 | 20K | 1K | 900 | 70 | 5:1 |
| 42TM009 | 500 | 500 | 50 | 40 | 1:1 |
| 42TM010 | 350 | 8 | 20 | 1 | 6.5:1 |
| 42TM013 | 1K | 8 | 75 | 1 | 11.486:1 |
| 42TM018 | 10K | 10K | 550 | 500 | 1:1 |
| 42TM019 | 10K | 600 | 600 | 100 | 3.771:1 |
| 42TM024 | 10K | 500 | 550 | 150 | --- |
| 42TM025 | 50K | 1K | 700 | 150 | --- |
| 42TM027 | 1K | 2K | 85 | 85 | 1:1.388 |
| 42TM031 | 600 | 100 | 30.1 | 14.3 | 2.442:1 |
| Schematic: B | | | | | |
| 42TM113 | 8K | 3K | 300 | 200 | --- |