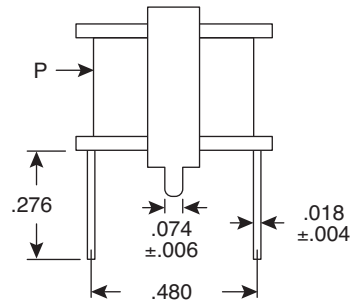
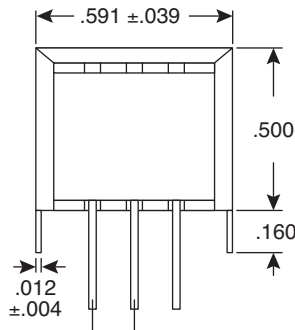
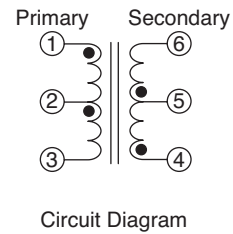
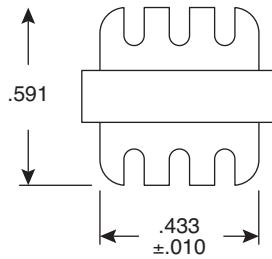
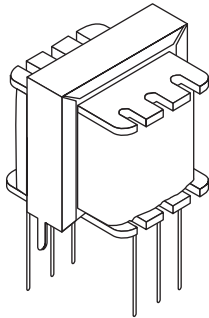




42TL Series Transformers



■ SPECIFICATIONS

- Core type/size: EI-14
- Impedance variation: $\pm 10\%$ @ 1KHz
- D.C. resistance tolerance: $\pm 15\%$
- Insulation: $> 10M\Omega$ @ 100VDC
- Breakdown voltage: 100VAC HIPOT for 1 minute
- Maximum output: 75mW
- Frequency response: $\pm 3dB$, 300Hz-3.4KHz @ 1KHz 0dB
- Waxing: vacuum treatment
- Other: can be water washed with water temperature @ $< 20^\circ C$.
- PC leads are soft metal wire and can be adjusted to fit a variety of applications.
- RoHS Compliant

| Mouser Stock No. | Impedance (Ω) | | Resistance (Ω) | | Turns | |
|------------------|------------------------|------|-------------------------|------|-------|------|
| | Pri. | Sec. | Pri. | Sec. | Pri. | Sec. |
| 42TL001-RC | 500 | 8 | 35 | 1.0 | 500 | 60 |
| 42TL003-RC | 1.2K | 8 | 80 | 1.0 | 810 | 80 |
| 42TL004-RC | 200 | 8 | 12 | 1.0 | 400 | 60 |
| 42TL008-RC | 800 | 8 | 40 | 1.0 | 510 | 60 |
| 42TL012-RC | 10K | 5K | 900 | 500 | 2500 | 1700 |
| 42TL013-RC | 1K | 8 | 60 | 1.0 | 756 | 60 |
| 42TL016-RC | 600 | 600 | 65 | 55 | 680 | 680 |
| 42TL017-RC | 20K | 600 | 693 | 66 | 2840 | 320 |
| 42TL018-RC | 7K | 10K | 400 | 385 | 1720 | 1460 |
| 42TL019-RC | 10K | 600 | 450 | 100 | 2000 | 390 |
| 42TL021-RC | 4K | 600 | 148 | 64 | 1320 | 440 |
| 42TL022-RC | 1.5K | 600 | 125 | 55 | 930 | 540 |
| 42TL023-RC | 300 | 600 | 30 | 35 | 400 | 530 |
| 42TL025-RC | 17K | 1K | 693 | 146 | 2800 | 460 |
| 42TL026-RC | 500 | 16 | 43 | 1.9 | 540 | 96 |
| 42TL027-RC | 1K | 2K | 130 | 140 | 920 | 470 |
| 42TL030-RC | 100 | 100 | 10.9 | 9.10 | 250 | 250 |
| 42TL218-RC | 10K | 10K | 715 | 583 | 1840 | 1840 |
| 42TL002-RC | 10K | 2K | 500 | 200 | 2100 | 600 |
| 42TL009-RC | 500 | 500 | 40 | 38 | 510 | 490 |
| 42TL031-RC | 600 | 100 | 42.8 | 20.2 | 630 | 254 |

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.



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[42TL030-RC](#)