

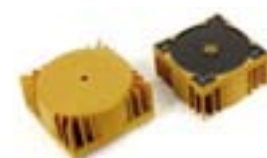
TOROIDAL TRANSFORMER 50/60HZ, 115/230 VAC, ENCAP

ACTT-0xxx-xx

UL 506, 5085-1&2, UL6500/60065
APPROVED



RoHS
Compliant



size varies

FEATURES:

- Multilayer monolithic construction yields high reliability
- Fully encapsulated; magnetically shielded
- Low profile; High efficiency
- Low standby current
- Low magnetic stray field emissions
- Safety approved-UL506, UL5085-1&2 for general purpose, UL6500/UL60065 for audio/video apparatus
- High ambient operating temperature (+60°C maximum)
- Primary – Dual primary (115V/230V 50/60Hz)

- Power – 1.6VA to 85VA; Dielectric Strength – 4000Vrms
- Secondary – Series or parallel
- Insulation Class – Class F (155°C)

APPLICATIONS:

- Medical Equipment
- Test Equipment
- Media and Advanced Audio Equipment
- Broadcast Sound Systems

STANDARD SPECIFICATIONS:

PARAMETERS

| | |
|------------------------|---------------------|
| ABRACON P/N: | ACTT-0xxx-xx Series |
| Operating temperature: | -40°C to + 120°C |
| Storage temperature: | -40°C to + 105°C |
| Input Voltage: | 2 x 115 V |

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0016-12 | 12 | 133 | 6 | 266 |
| ACTT-0016-14 | 14 | 114 | 7 | 228 |
| ACTT-0016-18 | 18 | 89 | 9 | 178 |
| ACTT-0016-24 | 24 | 67 | 12 | 134 |
| ACTT-0016-30 | 30 | 53 | 15 | 106 |
| ACTT-0016-36 | 36 | 44 | 18 | 88 |
| ACTT-0016-44 | 44 | 36 | 22 | 72 |
| ACTT-0016-48 | 48 | 33 | 24 | 66 |

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0050-12 | 12 | 416 | 6 | 832 |
| ACTT-0050-14 | 14 | 357 | 7 | 714 |
| ACTT-0050-18 | 18 | 278 | 9 | 556 |
| ACTT-0050-24 | 24 | 208 | 12 | 416 |
| ACTT-0050-30 | 30 | 167 | 15 | 334 |
| ACTT-0050-36 | 36 | 139 | 18 | 278 |
| ACTT-0050-44 | 44 | 114 | 22 | 228 |
| ACTT-0050-48 | 48 | 104 | 24 | 208 |

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0100-12 | 12 | 0.833 | 6 | 1.666 |
| ACTT-0100-14 | 14 | 0.714 | 7 | 1.428 |
| ACTT-0100-18 | 18 | 0.556 | 9 | 1.112 |
| ACTT-0100-24 | 24 | 0.417 | 12 | 0.834 |
| ACTT-0100-30 | 30 | 0.333 | 15 | 0.666 |
| ACTT-0100-36 | 36 | 0.278 | 18 | 0.556 |
| ACTT-0100-44 | 44 | 0.227 | 22 | 0.454 |
| ACTT-0100-48 | 48 | 0.208 | 24 | 0.416 |

OPTIONS AND PART IDENTIFICATION:

ACTT-□□□□-□□

Power Code
Please see Section 5,
i.e. 0016=1.6VA

Series Voltage Value
Please refer to the
tables

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0032-12 | 12 | 266 | 6 | 532 |
| ACTT-0032-14 | 14 | 229 | 7 | 458 |
| ACTT-0032-18 | 18 | 178 | 9 | 356 |
| ACTT-0032-24 | 24 | 133 | 12 | 266 |
| ACTT-0032-30 | 30 | 107 | 15 | 214 |
| ACTT-0032-36 | 36 | 89 | 18 | 178 |
| ACTT-0032-44 | 44 | 73 | 22 | 146 |
| ACTT-0032-48 | 48 | 66 | 24 | 132 |

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0070-12 | 12 | 583 | 6 | 1166 |
| ACTT-0070-14 | 14 | 500 | 7 | 1000 |
| ACTT-0070-18 | 18 | 389 | 9 | 778 |
| ACTT-0070-24 | 24 | 292 | 12 | 584 |
| ACTT-0070-30 | 30 | 233 | 15 | 466 |
| ACTT-0070-36 | 36 | 194 | 18 | 388 |
| ACTT-0070-44 | 44 | 159 | 22 | 318 |
| ACTT-0070-48 | 48 | 145 | 24 | 290 |

| Part# | Series | | Parallel | |
|--------------|----------|-----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0150-12 | 12 | 1.250 | 6 | 2.500 |
| ACTT-0150-14 | 14 | 1.071 | 7 | 2.142 |
| ACTT-0150-18 | 18 | 0.833 | 9 | 1.666 |
| ACTT-0150-24 | 24 | 0.625 | 12 | 1.250 |
| ACTT-0150-30 | 30 | 0.500 | 15 | 1.000 |
| ACTT-0150-36 | 36 | 0.417 | 18 | 0.834 |
| ACTT-0150-44 | 44 | 0.341 | 22 | 0.682 |
| ACTT-0150-48 | 48 | 0.312 | 24 | 0.624 |

ABRACON IS
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ABRACON
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TOROIDAL TRANSFORMER 50/60HZ, 115/230 VAC, ENCAP

ACTT-Oxxx-xx



RoHS
Compliant



size varies

| Part# | Series | | Parallel | |
|--------------|----------|----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0250-12 | 12 | 2.083 | 6 | 4.166 |
| ACTT-0250-14 | 14 | 1.785 | 7 | 3.570 |
| ACTT-0250-18 | 18 | 1.377 | 9 | 2.754 |
| ACTT-0250-24 | 24 | 1.041 | 12 | 2.082 |
| ACTT-0250-30 | 30 | 0.832 | 15 | 1.664 |
| ACTT-0250-36 | 36 | 0.694 | 18 | 1.388 |
| ACTT-0250-44 | 44 | 0.568 | 22 | 1.136 |
| ACTT-0250-48 | 48 | 0.520 | 24 | 1.040 |

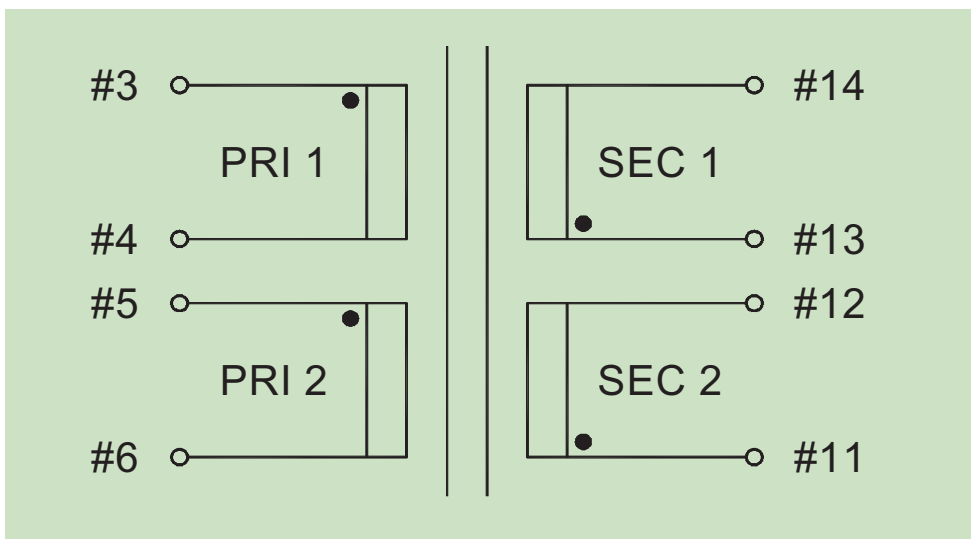
| Part# | Series | | Parallel | |
|--------------|----------|----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0350-12 | 12 | 2.916 | 6 | 5.832 |
| ACTT-0350-14 | 14 | 2.500 | 7 | 5.000 |
| ACTT-0350-18 | 18 | 1.944 | 9 | 3.888 |
| ACTT-0350-24 | 24 | 1.458 | 12 | 2.916 |
| ACTT-0350-30 | 30 | 1.167 | 15 | 2.334 |
| ACTT-0350-36 | 36 | 0.972 | 18 | 1.944 |
| ACTT-0350-44 | 44 | 0.795 | 22 | 1.590 |
| ACTT-0350-48 | 48 | 0.729 | 24 | 1.458 |

| Part# | Series | | Parallel | |
|--------------|----------|----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0500-12 | 12 | 4.166 | 6 | 8.332 |
| ACTT-0500-14 | 14 | 3.571 | 7 | 7.142 |
| ACTT-0500-18 | 18 | 2.777 | 9 | 5.554 |
| ACTT-0500-24 | 24 | 2.083 | 12 | 4.166 |
| ACTT-0500-30 | 30 | 1.666 | 15 | 3.332 |
| ACTT-0500-36 | 36 | 1.388 | 18 | 2.776 |
| ACTT-0500-44 | 44 | 1.136 | 22 | 2.272 |
| ACTT-0500-48 | 48 | 1.041 | 24 | 2.082 |

| Part# | Series | | Parallel | |
|--------------|----------|----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0650-12 | 12 | 5.416 | 6 | 10.832 |
| ACTT-0650-14 | 14 | 4.642 | 7 | 9.284 |
| ACTT-0650-18 | 18 | 3.611 | 9 | 7.222 |
| ACTT-0650-24 | 24 | 2.708 | 12 | 5.416 |
| ACTT-0650-30 | 30 | 2.116 | 15 | 4.322 |
| ACTT-0650-36 | 36 | 1.085 | 18 | 3.61 |
| ACTT-0650-44 | 44 | 1.477 | 22 | 2.954 |
| ACTT-0650-48 | 48 | 1.354 | 24 | 2.708 |

| Part# | Series | | Parallel | |
|--------------|----------|----------|----------|----------|
| | V (C.T.) | mA (RMS) | V | mA (RMS) |
| ACTT-0850-12 | 12 | 7.083 | 6 | 14.166 |
| ACTT-0850-14 | 14 | 6.071 | 7 | 12.142 |
| ACTT-0850-18 | 18 | 4.722 | 9 | 9.444 |
| ACTT-0850-24 | 24 | 3.541 | 12 | 7.082 |
| ACTT-0850-30 | 30 | 2.833 | 15 | 5.666 |
| ACTT-0850-36 | 36 | 2.361 | 18 | 4.722 |
| ACTT-0850-44 | 44 | 1.931 | 22 | 3.862 |
| ACTT-0850-48 | 48 | 1.770 | 24 | 3.540 |

SCHEMATICS:



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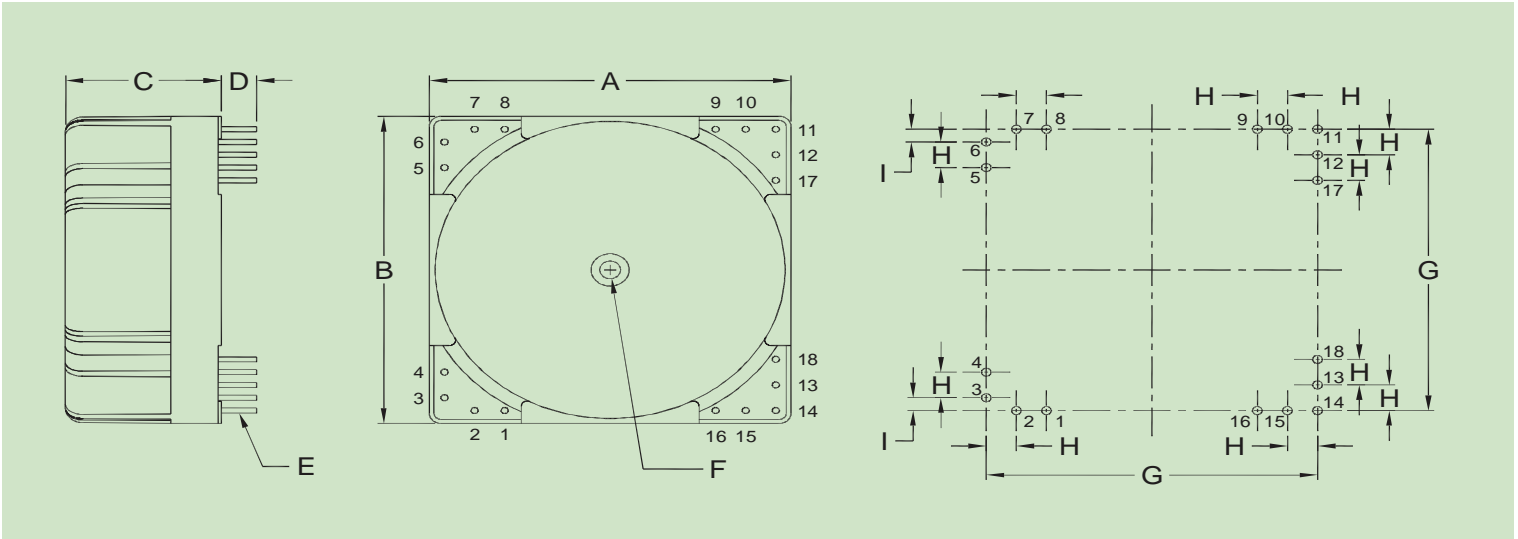
TOROIDAL TRANSFORMER 50/60HZ, 115/230 VAC, ENCAP

ACTT-0xxx-xx



size varies

OUTLINE DRAWING:



| PART NO | POWER | A | B | C | D | E | F | G | H | I |
|--------------|-------|-------|-------|-------|-------|---------|--------|-------|------|------|
| ACTT-0016-xx | 1.6VA | 1.575 | 1.575 | 0.728 | 0.157 | 0.025SQ | ∅0.138 | 1.40 | 0.20 | 0.10 |
| | | 40.0 | 40.0 | 18.5 | 4.0 | 0.64SQ | ∅3.5 | 35.56 | 5.08 | 2.54 |
| ACTT-0032-xx | 3.2VA | 1.772 | 1.772 | 0.768 | 0.157 | 0.025SQ | ∅0.138 | 1.60 | 0.20 | 0.10 |
| | | 45.0 | 45.0 | 19.5 | 4.0 | 0.64SQ | ∅3.5 | 40.64 | 5.08 | 2.54 |
| ACTT-0050-xx | 5.0VA | 1.969 | 1.969 | 0.768 | 0.157 | 0.025SQ | ∅0.138 | 1.80 | 0.20 | 0.10 |
| | | 50.0 | 50.0 | 19.5 | 4.0 | 0.64SQ | ∅3.5 | 45.72 | 5.08 | 2.54 |
| ACTT-0070-xx | 7.0VA | 1.969 | 1.969 | 0.909 | 0.157 | 0.025SQ | ∅0.138 | 1.80 | 0.20 | 0.10 |
| | | 50.0 | 50.0 | 23.1 | 4.0 | 0.64SQ | ∅3.5 | 45.72 | 5.08 | 2.54 |
| ACTT-0100-xx | 10VA | 2.205 | 2.205 | 1.024 | 0.157 | 0.031SQ | ∅0.138 | 2.00 | 0.20 | 0.10 |
| | | 56.0 | 56.0 | 26.0 | 4.0 | 0.80SQ | ∅3.5 | 50.80 | 5.08 | 2.54 |
| ACTT-0150-xx | 15VA | 2.402 | 2.402 | 1.035 | 0.157 | 0.031SQ | ∅0.138 | 2.20 | 0.20 | 0.10 |
| | | 61.0 | 61.0 | 26.3 | 4.0 | 0.80SQ | ∅3.5 | 55.88 | 5.08 | 2.54 |
| ACTT-0250-xx | 25VA | 2.402 | 2.402 | 1.476 | 0.157 | 0.031SQ | ∅0.138 | 2.20 | 0.20 | 0.10 |
| | | 61.0 | 61.0 | 37.5 | 4.0 | 0.80SQ | ∅3.5 | 55.88 | 5.08 | 2.54 |
| ACTT-0350-xx | 35VA | 2.953 | 2.953 | 1.476 | 0.157 | 0.031SQ | ∅0.236 | 2.60 | 0.20 | 0.10 |
| | | 75.0 | 75.0 | 37.5 | 4.0 | 0.80SQ | ∅6.0 | 66.04 | 5.08 | 2.54 |
| ACTT-0500-xx | 50VA | 3.244 | 3.244 | 1.476 | 0.157 | 0.039SQ | ∅0.236 | 2.99 | 0.20 | 0.10 |
| | | 82.4 | 82.4 | 37.5 | 4.0 | 1.00SQ | ∅6.0 | 76.20 | 5.08 | 2.54 |
| ACTT-0650-xx | 65VA | 3.622 | 3.622 | 1.535 | 0.157 | 0.039SQ | ∅0.276 | 3.30 | 0.30 | 0.10 |
| | | 92.0 | 92.0 | 39.0 | 4.0 | 1.00SQ | ∅7.0 | 83.82 | 7.62 | 2.54 |
| ACTT-0850-xx | 85VA | 3.937 | 3.937 | 1.654 | 0.157 | 0.039SQ | ∅0.276 | 3.60 | 0.30 | 0.10 |
| | | 100.0 | 100.0 | 42.0 | 4.0 | 1.00SQ | ∅7.0 | 91.44 | 7.62 | 2.54 |

(Dimension) = $\frac{\text{Inch}}{\text{mm}}$

- 1) Unused pins are omitted for standard parts. Unused pins can be provided on request.
- 2) Pin positions #1, 8, 9, 16, 17 & 18 are invalid for the 1.6VA series.
- 3) 1.6VA to 25VA series – blind center hole; 35VA to 85VA series – through center hole.





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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