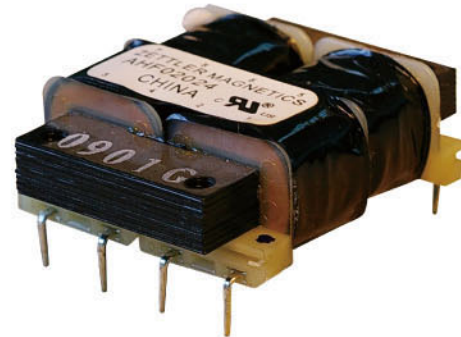


## AHF Series: UI Power PCB Transformer [2.4VA,6VA,12VA]

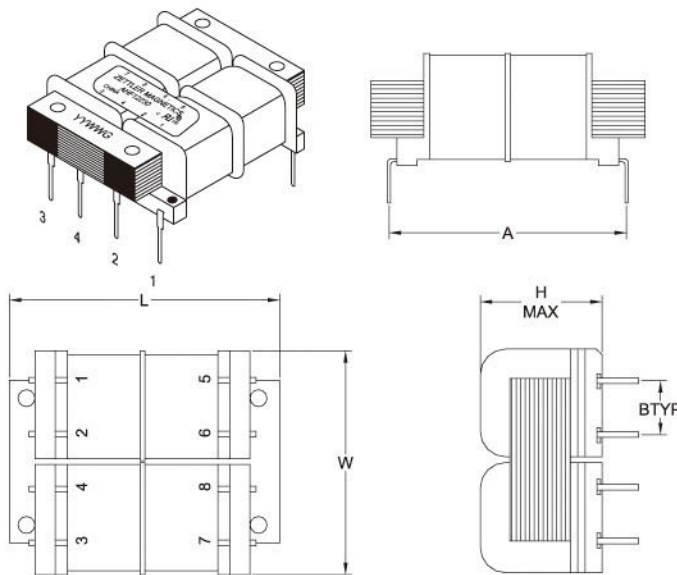


### FEATURES

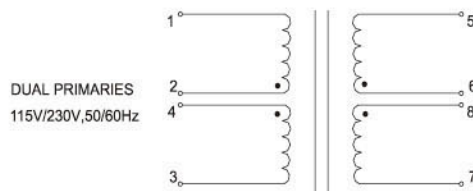
- UL and CUL Approved: UL File No. E177998
- Dielectric Strength 2500Vrms
- Dual 115/230V Primaries
- Dual Secondaries
- 3 Standard Sizes for a Variety of Power Application



### OUTLINE DIMENSIONS



### ■ Electrical Schematic



| VA  | L                       | W                       | H                       | A                     | B                     |
|-----|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|
| 2.4 | <u>1.890max</u><br>48.0 | <u>1.575max</u><br>40.0 | <u>0.669max</u><br>17.0 | <u>1.600</u><br>40.64 | <u>0.375</u><br>9.53  |
| 6   | <u>1.890max</u><br>48.0 | <u>1.575max</u><br>40.0 | <u>0.866max</u><br>22.0 | <u>1.600</u><br>40.64 | <u>0.375</u><br>9.53  |
| 12  | <u>2.520max</u><br>64.0 | <u>2.028max</u><br>51.5 | <u>1.102max</u><br>28.0 | <u>2.000</u><br>50.80 | <u>0.500</u><br>12.70 |

| Part NO  | VA  | Rating Output |            |
|----------|-----|---------------|------------|
|          |     | SER           | PAR        |
| AHF02010 | 2.4 | 10V 250mA     | 5V 500mA   |
| AHF06010 | 6   | 10V 600mA     | 5V 1.2A    |
| AHF12010 | 12  | 10V 1.20A     | 5V 2.4A    |
| AHF02012 | 2.4 | 12.6V 200mA   | 6.3V 400mA |
| AHF06012 | 6   | 12.6V 450mA   | 6.3V 900mA |
| AHF12012 | 12  | 12.6V 900mA   | 6.3V 1.8A  |
| AHF02016 | 2.4 | 16V 150mA     | 8V 300mA   |
| AHF06016 | 6   | 16V 350mA     | 8V 700mA   |
| AHF12016 | 12  | 16V 700mA     | 8V 1.4A    |
| AHF02020 | 2.4 | 20V 125mA     | 10V 250mA  |
| AHF06020 | 6   | 20V 300mA     | 10V 600mA  |
| AHF12020 | 12  | 20V 600mA     | 10V 1.2A   |
| AHF02024 | 2.4 | 24V 100mA     | 12V 200mA  |
| AHF06024 | 6   | 24V 250mA     | 12V 500mA  |
| AHF12024 | 12  | 24V 500mA     | 12V 1.0A   |
| AHF02030 | 2.4 | 30V 85mA      | 15V 170mA  |
| AHF06030 | 6   | 30V 200mA     | 15V 400mA  |
| AHF12030 | 12  | 30V 400mA     | 15V 800mA  |
| AHF02034 | 2.4 | 34V 75mA      | 17V 150mA  |
| AHF06034 | 6   | 34V 170mA     | 17V 340mA  |
| AHF12034 | 12  | 34V 340mA     | 17V 680mA  |
| AHF02040 | 2.4 | 40V 60mA      | 20V 120mA  |
| AHF06040 | 6   | 40V 150mA     | 20V 300mA  |
| AHF12040 | 12  | 40V 300mA     | 20V 600mA  |
| AHF02056 | 2.4 | 56V 45mA      | 28V 90mA   |
| AHF06056 | 6   | 56V 100mA     | 28V 200mA  |
| AHF12056 | 12  | 56V 200mA     | 28V 400mA  |
| AHF02088 | 2.4 | 88V 28mA      | 44V 56mA   |
| AHF06088 | 6   | 88V 65mA      | 44V 130mA  |
| AHF12088 | 12  | 88V 130mA     | 44V 260mA  |
| AHF02120 | 2.4 | 120V 20mA     | 60V 40mA   |
| AHF06120 | 6   | 120V 50mA     | 60V 100mA  |
| AHF12120 | 12  | 120V 100mA    | 60V 200mA  |
| AHF02230 | 2.4 | 230V 10mA     | 115V 20mA  |
| AHF06230 | 6   | 230V 25mA     | 115V 50mA  |
| AHF12230 | 12  | 230V 50mA     | 115V 100mA |