



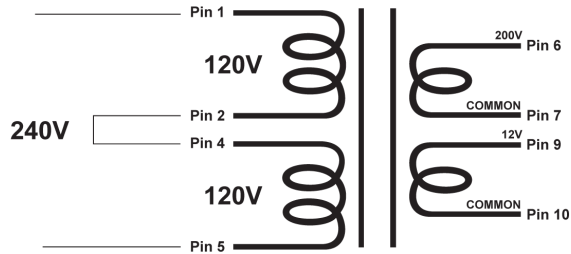
# XPWR080-120/240

**Type:** Tube Amplifier Power Transformer.

**Primary:** 120/240V, 50/60Hz.

**Secondary:** 200V@10mA & 12V@1A

*Schematic*



**120 Volt Primary:** Connect the two primary windings in parallel.  
Pin 1 and Pin 4 connected together.  
Pin 2 and Pin 5 connected together.  
Pin 1 is your input voltage and Pin 5 is common.

**240 Volt Primary:** Connect the two primary windings in series.  
Pin 2 and Pin 4 connected together.  
Pin 1 is your input voltage and Pin 5 is common.

*Image*



IMAGE REFERENCE ONLY

## Specifications:

**Total Volt Amperes:** 14VA

**Primary:** 120/240V, 50/60Hz.

**Primary Current:** 0.123A, 0.061A

**Primary DCR:** 39.327Ω, 157.378Ω

**Primary inductance:** 6.548H, 26.192H

**Secondary Voltages:** 200V, 12V

**Unloaded Voltages:** 209.926V, 12.593V

**Secondary Currents:** 0.01A, 1A

**Secondary DCR:** 234.305Ω, 0.601Ω

**Winding Config:** Layer Wound

**Core Stack** Interleave (1x1)

**Dielectric Strength:** 2500Vrms

**HIPOT Pri.-Sec.:** 2000V@60Hz for 1 sec.

**Temperature Rise:** 76.13°F (24.52°C)

**240 Temp. Rise:** 76.14°F (24.52°C)

**Leakage Inductance:** 0.01H

**Temperature Range:** -40°F(-40°C) to 221°F(105°C)

### Physical

**Core Size:** EI075 x 1in.

**Dimensional Drawing:** 15000-EI075-100-01H

**Weight:** 1.2 lbs.

### Bobbin

**Material:** Nylon 6/6 GF-30

**Flammability Rating:** Class-HB

### Magnet Wire

**Material:** Nylon coated unrecycled solid copper wire.

### Core Material

**Material:** M6 29 ga. grain oriented lamination steel.

### Coil Finishing Wrapper

**Material:** Polyester film/Non-woven tape.

### Secondary Insulation

**Material:** Clear air dry polyester electrical varnish.

### Hardware

**Mounting:** Channel

**Orientation:** Horizontal

### Terminations

**Compliance:** Compliance & REACH & REACH

**Material:**

EDCOR Electronics Corporation

7130 National Parks Highway - Carlsbad, NM 88220 - United State