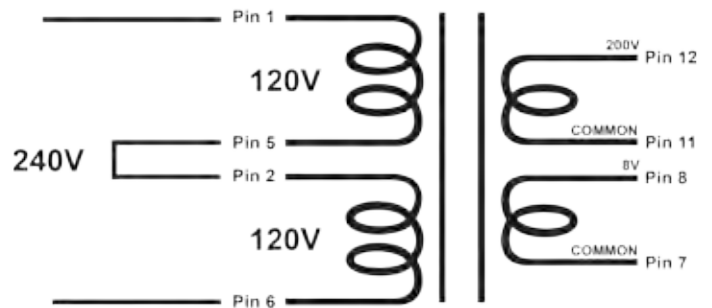


XPWR Series

CLASSIC POWER TRANSFORMERS

XPWR083A-120/240

Power transformer for a 120V or 240V, 50/60Hz. line to 200V at 40mA and 8V at 1.5A.



Design

Mathematically designed to produce the specified voltage(s) when loaded.

Primary (Input)

Designed for 120V or 240V, 50/60Hz.

Secondary (Output)

This transformer has a single voltage winding, 200V at 40mA and 8V at 1.5A.

Magnet Wire

All units are wound with the finest virgin copper magnet wire. All windings use heavy insulated wire to provide excellent manufacturing yield, lower customer cost and superior life.

The Core

EDCOR uses the finest M6 line grain oriented steel cores. Each unit is hand stacked to assure at least 92% stack.

The Bobbins

EDCOR's royal blue bobbin with black finishing tape.

Termination/Mounting

This unit is designed for printed circuit boards. For footprint and suggested hole and pad size please see the dimensional drawing.

120 Volt Primary: Connect the two primary windings in parallel.

Pin 1 and Pin 2 connected together.

Pin 5 and Pin 6 connected together.

240 Volt Primary: Connect the two primary windings in series.

Pin 2 and Pin 5 connected together.

Pin 1 is your input voltage and Pin 6 is common.

Specifications

Primary (input) Voltage	120Vrms or 240Vrms, 50/60Hz.
Secondary (output) Voltage	200V@40mA & 8V@1.5A
Bobbin Material	Glass Filled Nylon 6/6
Flamability Rating	Class B 130°C
Core Material	M6 29 ga. line grain oriented steel
Termination	12 pin PCB
Mounting	Zinc plated steel channel/frame
Weight	0.75 lbs.
Dimensional Drawing	15000-EI075-087-P12
Compliance	RoHS, REACH



Electronics Corporation

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