

# **POWER TRANSFORMER Chassis Mount: Universal**

# **F-94X**

#### **Electrical Specifications (@25C)**

- 1. Primary: 115V1, 60 Hz
- 2. Secondary: 0-10V, 20VCT, 40VCT @ 0.035ADC<sup>2</sup>
- 3. Temperature Rise: 35C TYP (45C MAX allowed)

#### **Description:**

The F-94X is a chassis mount power transformer that was designed with multiple primaries and secondaries to give the user maximum flexibility. The F-94X is intended for use with full wave center tap or bridge rectifiers, but may be used with voltage doubler circuits at one half of the rated current.

#### **Construction:**

Wound on a single channel nylon bobbin. Materials are UL recognized, Class B (130° C) rated.

#### Safety:

These products are 100% hipot tested with an insulation of 1500V between primary and secondary windings as well as between the primary / secondary windings and the core.

Dimensi	ons:	Units: inches		
н	W	D	MW	
1.375	2.375	1.375	2.00	

Weight: 0.50 lbs

## **Connections:**

Primary – 22AWG, UL 1015, 7.0 " $\pm$  1", strip & tin 0.250"  $\pm$  0.062" Secondary – 22AWG, UL 1015, 7.0 " $\pm$  1", strip & tin 0.250"  $\pm$  0.062"

### Schematic:



Primary	Secondary			
	GRN to RED	GRN to BLU	YEL to RED	BLU to RED
BLK/YEL to BLK	40V CT	30V	20V CT	10V
BLK/YEL to BLK/RED	38V CT	28.5V	19V CT	9.5V
BLK/GRN to BLK	34V CT	25.5V	17V CT	8.5V
BLK/GRN to BLK/RED	32V CT	24V	16V CT	8V
BLK/WHT to BLK	30V CT	22.5V	15V CT	7.5V
BLK/WHT to BLK/RED	28V	21V	14V CT	7V

**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

<sup>1</sup> Tapped primary to produce lower output voltages.

<sup>2</sup> DC amp rating with a full wave bridge rectifier.

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