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[Triad Magnetics](#)
[F-90X](#)

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POWER TRANSFORMER Chassis Mount: Universal

F-90X

Electrical Specifications (@25C)

1. Primary: 115V¹, 60 Hz
2. Secondary: 0-10V, 20VCT, 40VCT @ 0.1ADC²
3. Temperature Rise: 35C TYP (45C MAX allowed)

Description:

The F-90X is a chassis mount power transformer that was designed with multiple primaries and secondaries to give the user maximum flexibility. The F-90X 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.

Dimensions: Units: inches

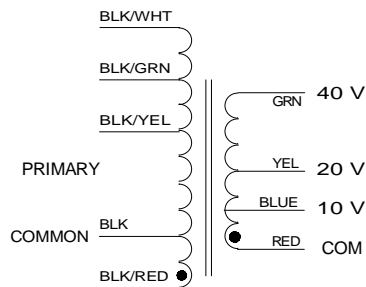
H	W	D	MW
1.625	2.812	1.625	2.375

Weight: 0.70 lbs

Connections:

Primary – 22AWG, UL 1015, 7.0 “± 1”, strip & tin 0.250” ± 0.062”
 Secondary – 22AWG, UL 1015, 7.0 “± 1”, strip & tin 0.250” ± 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 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

* Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics’ website for the most current version.

¹ Tapped primary to produce lower output voltages.
² DC amp rating with a full wave bridge rectifier.

