



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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F-90X

Electrical Specifications (@25C)

1. Max Power = 1.26 – 7.2VA
2. Primary: 115V¹, 60 Hz
3. Secondary: See table below
4. DC Current Rating: 0.1ADC²
5. 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

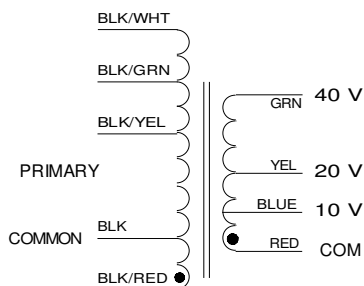
Weight: 0.70 lbs

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 Magnetix website for the most current version.

¹ Tapped primary to produce lower output voltages.

² DC amp rating with a full wave bridge rectifier.

