

# FS10-600 Datasheet



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DiGi Electronics Part Number	FS10-600-DG
Manufacturer	<a href="#">Triad Magnetics</a>
Manufacturer Product Number	FS10-600
Description	PWR XFMR LAMINATED 6VA TH
Detailed Description	Transformers

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## Purchase and inquiry

Manufacturer Product Number:

FS10-600

Series:

Split Pack™

Type:

Laminated Core

Voltage - Secondary (Full Load):

Parallel 5V, Series 10V

Primary Winding(s):

Dual

Center Tap:

No

Mounting Type:

Through Hole

Size / Dimension:

41.28mm L x 33.32mm W

Voltage - Isolation:

2500Vrms

Manufacturer:

Triad Magnetics

Product Status:

Active

Voltage - Primary:

115V, 230V

Current - Output (Max):

Parallel 1.2A, Series 600mA

Secondary Winding(s):

Dual

Power - Max:

6VA

Termination Style:

PC Pin

Height - Seated (Max):

33.32mm

Weight:

0.44 lb (199.58 g)

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8504.31.4035

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99



**POWER TRANSFORMER  
PC MOUNT : SPLIT PACK**

**FS10-600**

**Description:**

The FS10-600 is a dual primary and dual secondary, split bobbin design which operates with either a parallel input of 115V or a series input of 230V. The output voltage will be either 10.0V with a center-tap under a 0.6A load with the secondaries wired in series, or 5.0V under a 1.2A load with the secondaries wired in parallel. The split bobbin design eliminates the need for costly electrostatic shielding.

**Electrical Specifications (@25C)**

1. Maximum Power: 6.0VA
2. Primary: Series: 230V; Parallel: 115V
3. Secondary: Series: 10.0V CT@ 0.6A; Parallel: 5.0V @ 1.2A
4. Voltage Regulation: 25% TYP @ full load to no load
5. Temperature Rise: 25C TYP
6. Hipot tested 100% at 2500 VRMS

**Construction:**

Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling.

**Agency File:**

UL: File E53148, UL 5085-2 (506), Class B General Purpose Transformer, cUL: File E53148, UL 5085-2 (506), Class B General Purpose Transformer, Canadian Use (CSA 22.2, No.66.2-06)

This model is also available in Class 2, UL 5085-3 (1585) version as [FS10-600-C2](#)



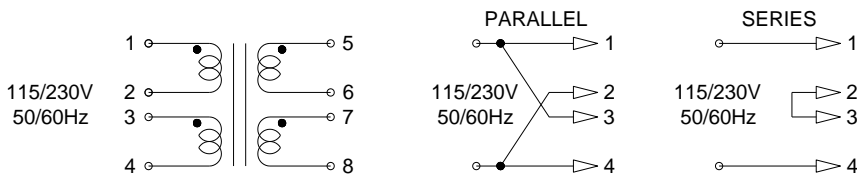
**Dimensions:**

Units in inches.

H	W	L	A	B	C	D	E	F
1.312	1.312	1.625	0.250	0.350	1.280	0.041	0.020	0.234

Weight: 0.44 lbs

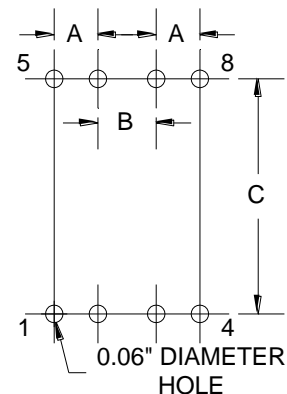
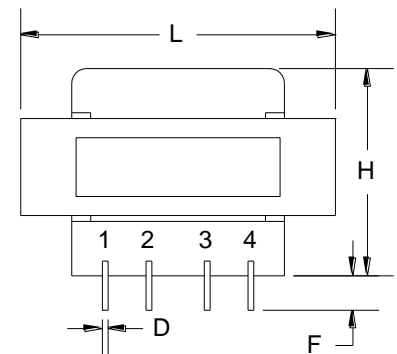
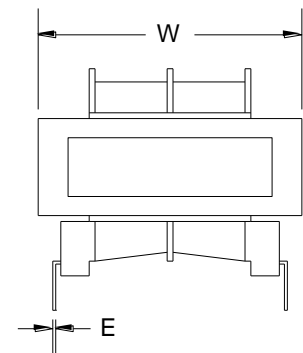
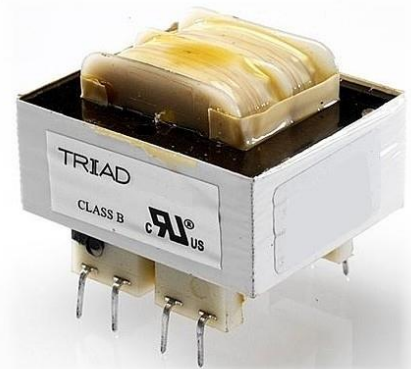
**Schematic:**



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

As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version. For soldering and washing information please see <http://www.triadmagnetics.com/faq.html>



**Board Layout**

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