

# F-3181U

### Electrical Specifications (@25C)

1. Maximum Power: 50.4 VA
2. Primary: 115/230V@50/60 Hz
3. Secondary: 12.6VCT @ 4.0 Amps
4. Voltage Regulation: 10 % TYP @ full load to no load
5. Temperature Rise: 35C TYP (45C MAX allowed)

### Description:

The F-3181U is part of a series which has a long history of reliable service in the field, made from a proven design and constructed with UL recognized materials.

### Construction:

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

### Safety:

These products are 100% hipot tested at 2000V between primary and secondary windings as well as between the primary / secondary windings and the core.

### Dimensions:

Units: In inches

A	B	C	D	E
2.562	2.375	3.187	3.06	2.00

Weight: 2.3 lbs

### Connections:

Transformer is provided with 7" (178mm) long, 0.25" (6mm) stripped and tinned, stranded UL 1015 lead wire. Primaries are 22 AWG, Secondaries are 18 AWG.

**Input (115Vac):** Tie Red/Wht to Red and Blk/Wht to Blk, apply 115Vac to Red/Wht and Blk/Wht

**Output:** 12.6VCT@4.0A Green to Green

**Input (230Vac):** Tie Blk/Wht to Red, apply 230Vac to Red/Wht and Blk

**Output:** 12.6VCT@4.0A Green to Green

CT= Center Tap

**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.

