

### C-47U

#### Description:

Smoothing chokes are power supply filter chokes having a core with an air gap which prevents saturation at maximum current. Hipot to 1500 VRMS between winding and core for safety.

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

Current DC Amps*	Inductance †† Henries*	Resistance Ohms
1.0/2.0	0.3/0.075§	3.0/1.5

†† = Inductance tolerance -20%, + 50 %  
§ = Split winding

#### Dimensions:

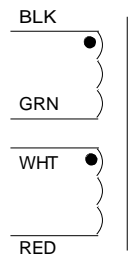
Unit: In inches

A	B	C	D	E
3.50	2.875	3.187	2.250	2.687

Weight: 4.60 lbs.

Operating Temp: -40° to +85°C

#### Schematic:



#### Connections:

Inductor is provided with 7" (178mm) long, 0.25" (6mm) stripped and tinned, stranded 22 AWG, UL1015 lead wire.

\*For 0.30H at 1 Amp, connect to BLK to RED, Jumper GRN to WHT  
For 0.075H at 2 Amps, connect to BLK to GRN, Jumper BLK to WHT and GRN to RED

**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.

