

### C-80U

#### 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
20.0/40.0	0.024/0.006§	0.10/0.025

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

#### Dimensions:

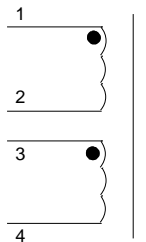
Unit: In inches

A	B	C	D	E
4.562	5.312	5.25	2.750	4.5

Weight: 21.25 lbs.

Operating Temp: -40° to +85°C

#### Schematic:



\*For 0.024H at 20Amp, connect to 1 to 4, Jumper 2 to 3  
For 0.006H at 40Amps, connect to 1 to 2, Jumper 1 to 3 and 2 to 4

**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.

