

# **Current Sense Transformers**

# **CST306-3T**

### **Description:**

Designed for switching power supply applications, Triad current sense transformers are used to detect the current passing through a conductor. These transformers are very reliable and operate over the frequency range of 20 kHz-200 kHz.

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

ET VμSEC REF 20kHz	Turns Count	Min. Ind. mH	DCR Max. Ω	Pri. Amps	
2000	200 CT	55.0	3.750	25.0 RMS	



#### Safety:

These current sense transformers are constructed of UL rated 130°C materials.

## **Dimensions:**

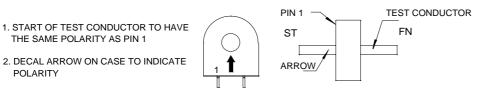
Α	В	С	D	E	F	G	Н	Н
Min	Max	Ref	Ref	Ref	Max	Max	Ref	Dia. Pins
.180	.915	.528	.127	.500	.385	.690	.250	.032

Units: In inches

#### **Technical Notes:**

POLARITY

- 1. Derate ET product by 32% for 50 kHz, 52% for 100 kHz and 50% for unidirectional operation.
- Rated primary current renders approximately 40°C temp. rise.
- 3. Maximum recommended terminating resistance of 1 ohm per turn.
- 4. Primary is inserted through hole in casting.



POLARITY DETAIL TOP VIEW

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

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