

CST306-1T

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 V _μ SEC REF 20kHz	Turns Count	Min. Ind. mH	DCR Max. Ω	Pri. Amps
500	50 CT	3.5	.340	35.0 RMS

Safety:

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

Dimensions:

A	B	C	D	E	F	G	H	I
Min	Max	Ref	Ref	Ref	Max	Max	Ref	Dia. Pins
.180	.915	.528	.127	.500	.385	.690	.250	.032

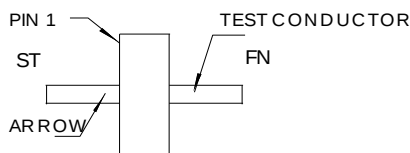
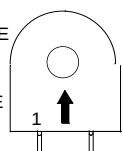
Units: In inches

Technical Notes:

- 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.
- Maximum recommended terminating resistance of 1 ohm per turn.
- Primary is inserted through hole in casting.

1. START OF TEST CONDUCTOR TO HAVE THE SAME POLARITY AS PIN 1

2. DECAL ARROW ON CASE TO INDICATE POLARITY



POLARITY DETAIL TOP VIEW

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 Magnetix website for the most current version. For soldering and washing information please see <http://www.computer.com/faq.html>

