

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

Safety:

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

Dimensions:

	Α	В	С	D	Е	F	G	н	I
Λ	Min	Max	Ref	Ref	Ref	Max	Max	Ref	Dia. Pins
.1	180	.915	.528	.127	.500	.385	.690	.250	.032

Units: In inches

Technical Notes:

- 1. Derate ET product by 32% for 50 kHz, 52% for 100 kHz and 50% for unidirectional operation.
- 2. 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.



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. For soldering and washing information please see http://www.triadmagnetics.com/faq.html

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