



**THE DATASHEET OF  
CST206-1A**



### CST206-1A

**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	100	14.0	.580	110.0 RMS

1. Operating Temperature: -40°C to +85°C
2. Storage Temperature: -50°C to +95°C

**Safety:**

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

**Dimensions:**

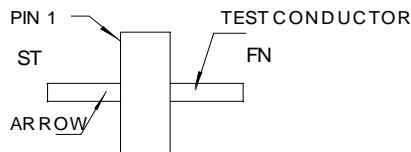
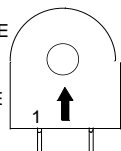
A Min	B Max	C Ref	D Ref	E Ref	F Max	G Max	H Dia. Pins
.360	1.225	.700	.127	.500	.400	1.075	.045

Units: In inches

**Technical Notes:**

1. Derate ET product by 32% for 50 kHz, 52% for 100Hz 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.

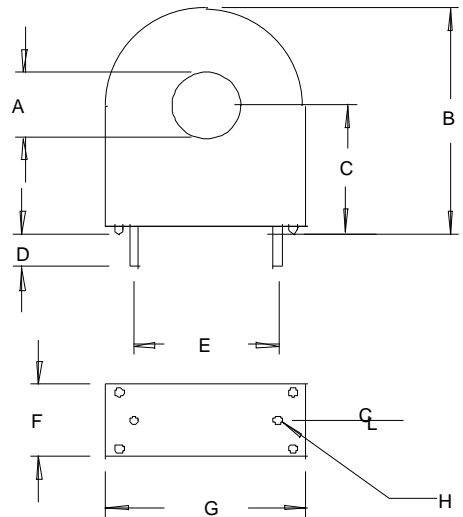
1. START OF TEST CONDUCTOR TO HAVE THE SAME POLARITY AS PIN 1
2. DECAL ARROW ON CASE TO INDICATE POLARITY



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



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CST206-1A on WIN SOURCE](#)
-  [Triad Magnetics Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management