

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 V μ SEC 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:

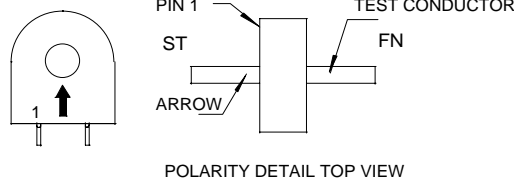
| A | B | C | D | E | F | G | H | H |
|------|------|------|------|------|------|------|------|-----------|
| Min | Max | Ref | Ref | Ref | Max | Max | Ref | Dia. Pins |
| .180 | .915 | .528 | .127 | .500 | .385 | .690 | .250 | .032 |

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.

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



RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

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

