## 50/60 Hz Current Sense Transformers

## CST-1015

## Description:

Triad current sense transformers are used to detect the current passing through a conductor. These transformers are very reliable and operate efficiently at 50/60 Hz.

Electrical Specifications (@25C)

| IP | Turns Ratio | Terminating Resistor |  | DCR <br> ( $\mathbf{\Omega}$ ) <br> Nominal | Volts/Amp@ rated IP for various loads ( $\mathbf{\Omega}$ ) |  |  |  | Net Weight Grams |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amps |  | Ohms | Watts |  | 100 | 500 | 2K | 5K |  |
| 15 | 1000:1 | 100 | . 023 | 40 | . 0971 | . 4429 | . 7508 | . 9439 | 20 |

## Dimensions:

| A | B | C | D | E | F |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 23.50 | 24.80 | 12.00 | 15.00 | 7.50 | 8.50 |

Units: In mm
Response Curve: Vout vs Input current (100 Ioad)


## Technical Notes:

1. Pin3 for mechanical support only.
2. Pin diameter is $0.8 \pm 0.1 \mathrm{~mm}$.
3. Pin length is $5 \pm 1 \mathrm{~mm}$.

## Agency Files:

UL file E205349 - Component, Instrument Transformer (XODW2)

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


A


PIN3

BOTTOM VIEW


Web: www.TriadMagnetics.com
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Perris, California 92571

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