

# 50/60 Hz Current Sense Transformers

# **CST-1020**

## **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)** 

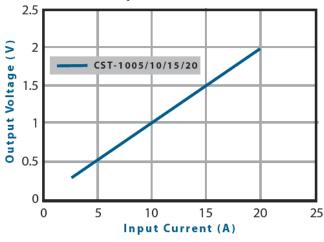
IP	Turns Ratio	Terminating		DCR	Volts/Amp@ rated IP			Net	
Amps		Resistor		$(\Omega)$	for various loads $(\Omega)$			Weight	
Amps	Kano	Ohms	Watts	Nominal	100	500	2K	5K	Grams
20	1000:1	100	.04	40	.0977	.3943	.6174	.7662	20

#### **Dimensions:**

A	В	С	D	Е	F
23.50	24.80	12.00	15.00	7.50	8.50

Units: In mm

### Response Curves: Vout vs Input current (100 $\Omega$ load)



#### **Technical Notes:**

- 1. Pin3 for mechanical support only.
- 2. Pin diameter is 0.8±0.1 mm.
- 3. Pin length is 5±1mm.

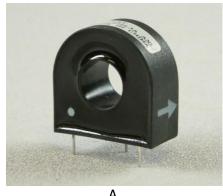
#### **Agency Files:**

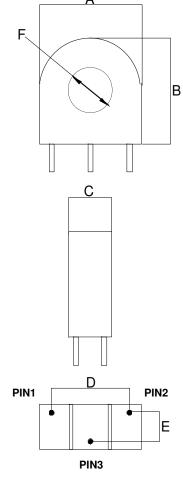
UL file E205349 – Component, Instrument Transformer (XODW2)



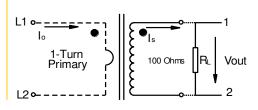
**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\*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





**BOTTOM VIEW** 



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Publish Date: April 18, 2019