

# 50/60 Hz Current Sense Transformers

# **CST-1025**

# **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)**

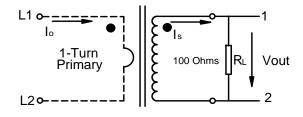
| IP   | Turns<br>Ratio | Terminating Resistor |       | DCR<br>(Ω) | Volts/Amp@ rated IP<br>for various loads (Ω) |       |       | Net<br>Weight |       |
|------|----------------|----------------------|-------|------------|--|-------|-------|---------------|-------|
| Amps |                | Ohms                 | Watts | Nominal    | 100  | 500   | 2K    | 5K            | Grams |
| 25   | 1000:1         | 100                  | .063  | 46         | .0976  | .4364 | .7496 | .9664         | 30    |

# **Dimensions:**

| Α     | В     | С     | D     | Е     | F     |
|-------|-------|-------|-------|-------|-------|
| 30.20 | 30.20 | 14.30 | 20.32 | 10.16 | 11.40 |

Units: In mm

### Schematic:

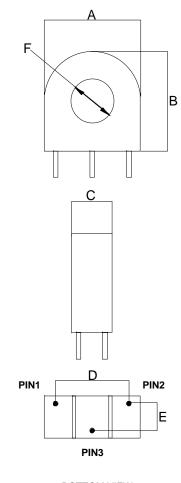


### **Technical Notes:**

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

**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.



BOTTOM VIEW