

### CST-1010

#### 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)

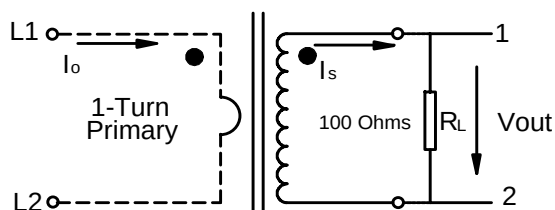
| IP<br>Amps | Turns<br>Ratio | Terminating<br>Resistor |       | DCR<br>( $\Omega$ )<br>Nominal | Volts/Amp@ rated IP<br>for various loads ( $\Omega$ ) |       |       |        | Net<br>Weight<br>Grams |
|------------|----------------|-------------------------|-------|--------------------------------|-------------------------------------------------------|-------|-------|--------|------------------------|
|            |                | Ohms                    | Watts |                                | 100                                                   | 500   | 2K    | 5K     |                        |
| 10         | 1000:1         | 100                     | .010  | 40                             | .0969                                                 | .4565 | .9686 | 1.1912 | 20                     |

#### Dimensions:

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

Units: In mm

#### Schematic:



#### Technical Notes:

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

**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.

