

## Current Sense Transformer



### ELECTRICAL SPECIFICATIONS

**Primary Inductance (1, 2 - 3, 4):** 36 $\mu$ H  $\pm$  20% @ 0.1Vrms, 100KHz

**Primary DC Current (Continuous):** 0.95 A(dc) For temperature rise of 30°C maximum

**Primary Incremental Current (or Peak Current):** 1.33A(dc) typical for less than 20% reduction of inductance

**Primary DC Resistance (1, 2-3, 4):** 0.150 ohm maximum

**Secondary DC Resistance (6-7):** 0.300 ohm maximum

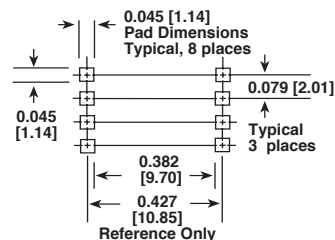
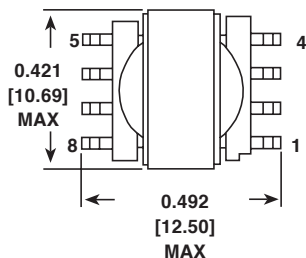
**Turns Ratio:** Pri: Sec = 1.0 : 1.0

**Hipot Voltage:** 500 V(ac), 5 seconds (Between Primary and Secondary windings and to core)

**Operating Temperature Range:** -20°C to + 85°C

**NOTE:** Terminals 1, 2 and 3, 4 must be tied together for proper operation of the Transformer Primary.

### DIMENSIONS in inches [millimeters]



FOOTPRINT DIAGRAM

### TRANSFORMER SCHEMATIC

