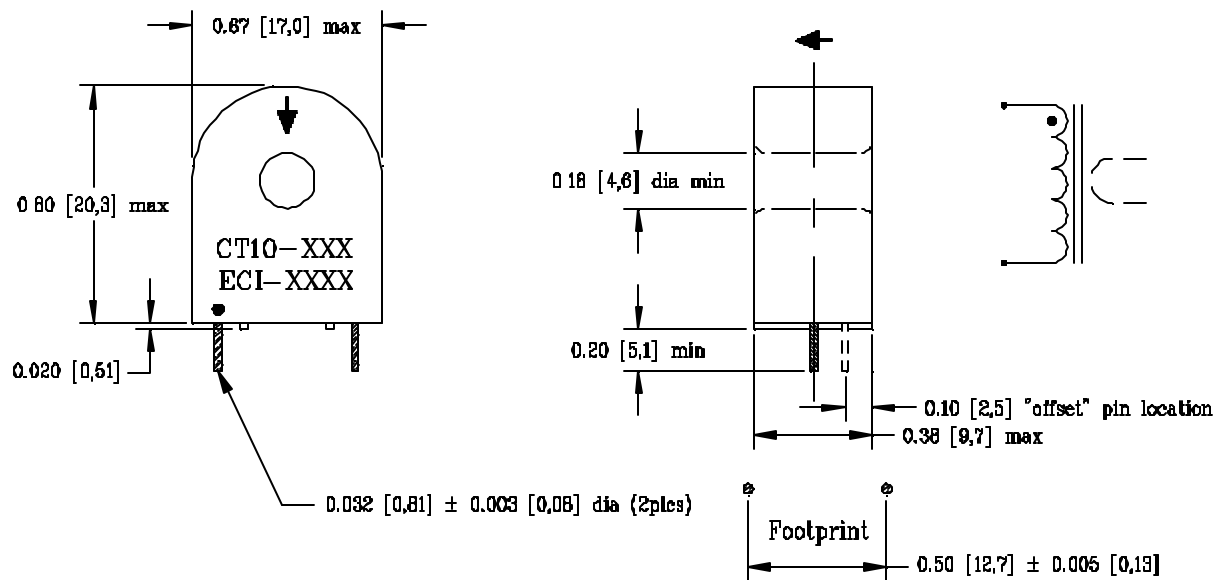


# CT10-XXX

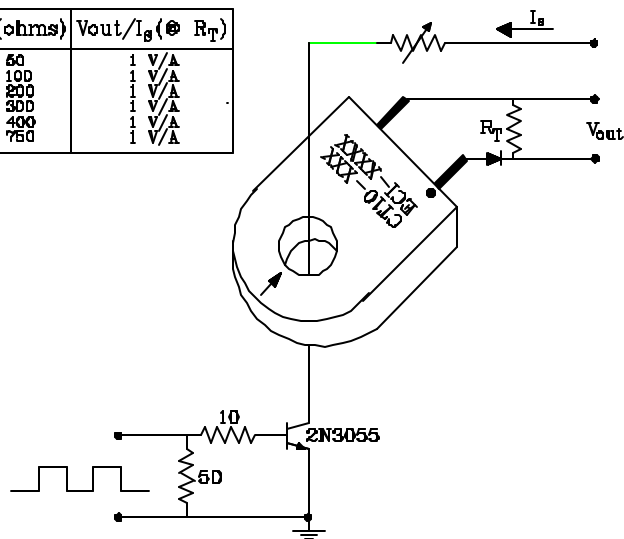
## Current Sensor

- CT10-XXXXA for the offset pin location
- Molded case meets UL94 V-0
- Dielectric strength, 3000Vrms primary to secondary
- 0.020 [0,51] minimum wall thickness throughout device
- Temperature class, 130 °C
- Inductance test level, 10kHz @ 100mV
- Secondary turns tolerance  $\pm 2\%$
- Electrical characteristics based on 1T primary @ 25 °C @ R<sub>T</sub>
- “Primary” winding not included

| Dash # | “N”<br>(Turns) | “L” min<br>(mH) | “DCR”<br>max<br>(W) | “I” peak<br>max<br>(Amps) | “I-T” max<br>Bipolar<br>(A-μSec) | “R <sub>T</sub> ” ref<br>(W) |
|--------|----------------|-----------------|---------------------|---------------------------|----------------------------------|------------------------------|
| -050   | 50             | 5               | 0.7                 | 10                        | 300                              | 50                           |
| -100   | 100            | 20              | 1.4                 | 24                        | 600                              | 100                          |
| -200   | 200            | 80              | 4.5                 | 35                        | 1200                             | 200                          |
| -300   | 300            | 180             | 8.0                 | 45                        | 1800                             | 300                          |
| -400   | 400            | 320             | 13.0                | 40                        | 2400                             | 400                          |
| -750   | 750            | 1125            | 55.0                | 30                        | 4500                             | 750                          |



| DASH # | $R_T$ (ohms) | $V_{out}/I_s$ (@ $R_T$ ) |
|--------|--------------|--------------------------|
| -D50   | 50           | 1 V/A                    |
| -100   | 100          | 1 V/A                    |
| -200   | 200          | 1 V/A                    |
| -300   | 300          | 1 V/A                    |
| -400   | 400          | 1 V/A                    |
| -750   | 750          | 1 V/A                    |



TYPICAL APPLICATION CIRCUIT

