

# Current Sensor 12.7 mm Toroid

POWER MAGNETIC



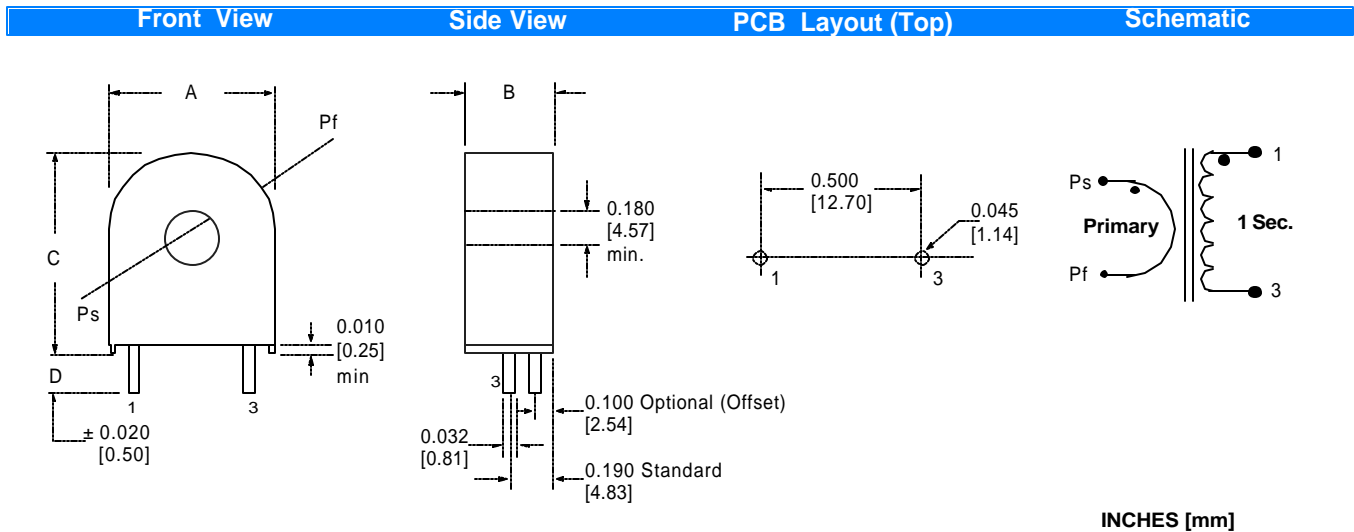
(CST013-01 50/60 Hz Series)



**MAX. DIM :**  
**L = 17.02 mm**  
**W = 9.90 mm**  
**H = 20.32 mm**

- Diverse applications for overload sensing, load drop, shutdown and feed-back control in switch mode power supplies.
- For use in 50/60 Hz..
- Rated current 35 Amps.
- Single secondary only
- Sensitivity 1 V/Amp adjustable by changin terminating resistor.
- Available in potted or welded construction ultrasonically.
- Dielectric strength of 3750 V between primary and secondary.

## MECHANICAL SPECIFICATIONS



## ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	L(mH) <sup>1</sup> min.	Freq. (KHz)	Turns Ratio	DCR (W max)	I <sub>rms</sub> max (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm	PIN POSITION	Seal
T50020	1800.00	1.00	1000:1	81.00	4.00	0.670 / 17.02	0.390 / 9.90	0.800 / 20.32	0.300 / 7.62	Offset	U

Burder resistor 150 ohm  
 Ultrasonic seal ( U )  
 Potting ( P )

1. Inductance L tested at 0.25 V.  
 2. L and DCR tested at Ta= 25°C.

\*\* Primary is supplied by end user.