

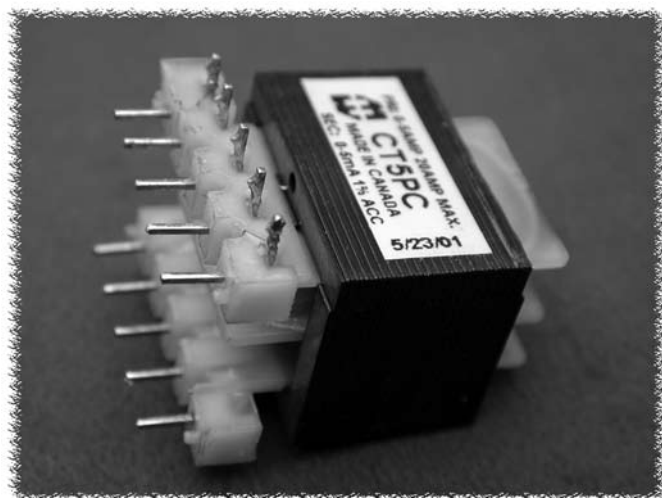
TOROIDAL CT APPLICATION DATA

To obtain current measurement:

- Pass the wire carrying the current to be measured through the window of the C.T. transformer (acting as a primary winding).
- Connect the C.T. secondary to an ammeter with a 5 A movement.

For higher accuracy or higher VA burden rating:

- Choose a C.T. with a primary which is a multiple of the required primary rating and which has the accuracy or VA burden you require.
- Loop the wire carrying the current to be measured through the window a number of times equal to the multiple. This "winding" will reduce the ratio back to required primary rating.
- Example "A": To obtain an accuracy of 1.2% at 10VA burden with a ratio of 100:5, use a C.T.400 and loop 4 primary turns through the window.
- Example "B": To obtain a 25:5 ratio, use a C.T.75 with 3 primary turns to yield 2% accuracy or a C.T.50 with 2 primary turns to yield 3.2% accuracy.



SMALL CURRENT TRANSFORMERS

- Designed for a 5 amp. primary (maximum 20 Amp), secondary current 5 ma.
- 40 - 1,000 Hz. operation.
- Customer to supply primary winding (1 turn through open top of transformer bobbin).
- Two hole chassis mount or P.C. board pin mount.
- Both units have 5 ma. secondary for use with standard AC ammeters with 5 ma.movements.
- High accuracy windings (1%).

Part No.	Mounting	Overall Dimensions (Inches)			Mtg. Hole (Inches)	Ship Wt. oz.
		H	D	W		
CT5CF	Chassis	1.25	1.10	2.063	0.187	2.6
CT5PC	P.C. Board	1.40	1.08	1.03	n/a	1.8

APPLICATION DATA

To obtain current measurement:

1. Pass the wire carrying the current to be measured through the window of the current transformer (acting as a primary winding).
2. Connect the secondary to an ammeter with a 5 mA movement.

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109

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