



FEATURES

- 50, 100, 200 & 300 Turn variants
- Primary current rating to 10A
- Primary to secondary isolation 500VDC
- 20kHz-200kHz frequency range
- Centre tapped variants available

DESCRIPTION

The 5600 series of current sense transformers are designed to control, measure, or monitor ac currents. The transformers can be used as feedback elements between the output and pulse control circuitry providing regulation of switched mode power supplies, other applications include, motor current load/overload, lighting and instrumentation.

SELECTION GUIDE

Order Code	Number of Turns	Inductance Range	DC Resistance	Terminating Resistance to Produce 1VOUT/1AIN
	±1 Turn	Pins 1&3, 5kHz	Pins 1&3, Ω	Ω ±5%
56050	50	5.00 - 9.30mH @1V	0.133 - 0.199	50
56100	100	20.0 - 37.0mH @1V	0.93 - 1.40	100
56200	200	80.0 - 150mH @2V	1.87 - 2.81	200
56300	300	180 - 335mH @3V	5.73 - 8.59	300
56T100	100CT	20.0 - 37.0mH @1V	0.93 - 1.40	100
56T200	200CT	80.0 - 150mH @2V	1.87 - 2.81	200
56T300	300CT	180 - 335mH @3V	5.73 - 8.59	300

ABSOLUTE MAXIMUM RATINGS

Operating free air temperature range	-40°C to 85°C
Storage temperature range	-40°C to 125°C

PACKAGE DETAILS

Order Code	TYP Weight (g)	Packaging Style	QTY
56XXX	5.7	Tube	25

MECHANICAL DIMENSIONS

