

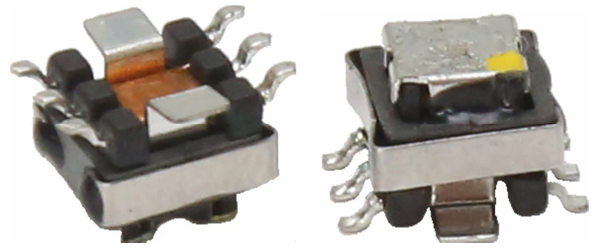
CT050

CURRENT SENSE TRANSFORMERS

电流互感器

Features

- Very low DC resistance.  
非常低的直流电阻。
- Very small package.  
超小型封装
- Different turns ratios.  
不同的匝比提供选择。
- RoHS compatible.  
符合环保要求。
- Operating temperature : -40°C~+125°C.  
工作温度: -40°C~+125°C



Applications

- Switching power supplies. Feedback control. Overload sensing. Load drop/shut down detection  
适用于开关电源、反馈控制器、过载传感、负载降低/关闭检测等

Electrical characteristics

Part number 料号	Turn ratio 匝比 Pri:sec	Sec inductance 次级电感量 Min (μH)	DC Resistance 直流电阻 Max		Primary Rated Current 初级额定电流 A max	marking color code 标识颜色
			Pri(mΩ)	Sec(Ω)		
CT050-020	1:20	81	0.75	0.40	20	brown
CT050-030	1:30	180	0.75	0.87	20	red
CT050-040	1:40	320	0.75	1.14	20	orange
CT050-050	1:50	500	0.75	1.50	20	blue
CT050-060	1:60	730	0.75	1.98	20	green
CT050-070	1:70	980	0.75	4.75	20	yellow
CT050-100	1:100	2000	0.75	5.50	20	purple
CT050-125	1:125	3000	0.75	6.50	20	white

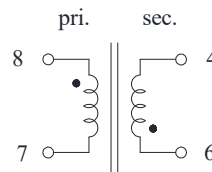
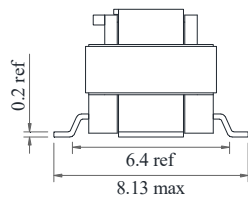
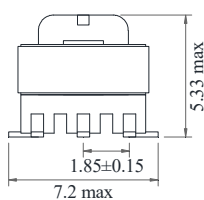
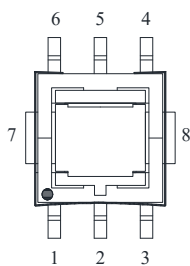
Remark

- Inductance is measured with a LCR meter 4284A or equivalent.  
Test frequency at 100kHz
- DC resistance is measured with 16502 Milliohm Meter , or equivalent.  
Reference ambient temperature 25°C

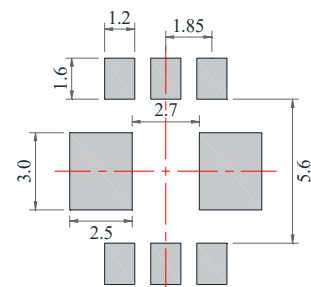
备注

- 电感量测试采用 4284A 数字电桥或同等仪器;  
测试频率 100KHz
- 直流电阻测试采用 16502 毫欧表或同等仪器;  
环境温度 25°C

Dimensions



SCHEMATIC



PCB LAYOUT