

CV1811-100AL

SMD CURRENT SENSE TRANSFORMERS

贴片电流互感器

Features

- For use between 10 kHz to 1 MHz.
适用于 10 kHz 至 1 MHz
- 1000 Vrms, one minute isolation (hipot) winding to winding.
1000 Vrms, 一分钟绝缘 (高压) 绕组到绕组
- Inductance measured between secondary pins at 100 kHz, 0.1 Vrms, 0 Adc
电感在 100 kHz、0.1 Vrms、0 Adc 条件下测量次级引脚
- Different turns ratios.
不同的匝比提供选择。

Terminating resistor value is based on 1 Volt output with 20 Amps flowing through the primary. Varying terminating resistance increases or decreases output Voltage/Ampere according to the following equation:

$$RT \text{ (Ohms)} = V_{out} \times N_{sec} / I_{in}$$

端接电阻器的值基于 1 伏输出, 其中 20 安培流经原边。可变的终端电阻根据以下公式增加或减少输出电压/安培:

$$RT \text{ (欧姆)} = V_{out} \times N_{sec} / I_{in}$$

- RoHS compatible.
符合环保要求。
- Operating temperature : -40°C~+125°C.
工作温度: -40°C~+125°C



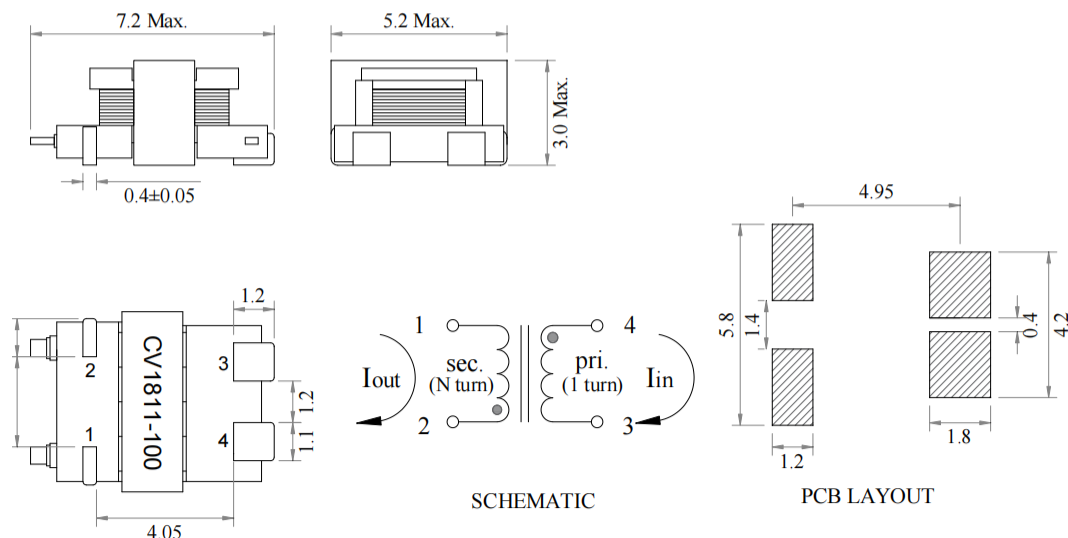
Applications

- 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 (mH)	DC Resistance 直流电阻 Max		Voltage-time product 电压时间乘积 V.μS	Frequency range 频率范围 KHz	Primary Rated Current 初级额定电流 A max	Terminating resistance RT 终止电阻
			Pri(Ω)	Sec(Ω)				
CV1811-100AL	1:100	1.330	0.0015	10.68	32	16->1000	20	5.0

■ Dimensions



SheZhen Powerhen Electronic Co.,Ltd

Addr: Floor 3, Building 2, Shenliang Automotive Electronic Industrial Park, Guanlan Town, Shenzhen
Tel: 0755-23570708 [Http://www.powerhen.com](http://www.powerhen.com) E-Mail: sales@powerhen.com

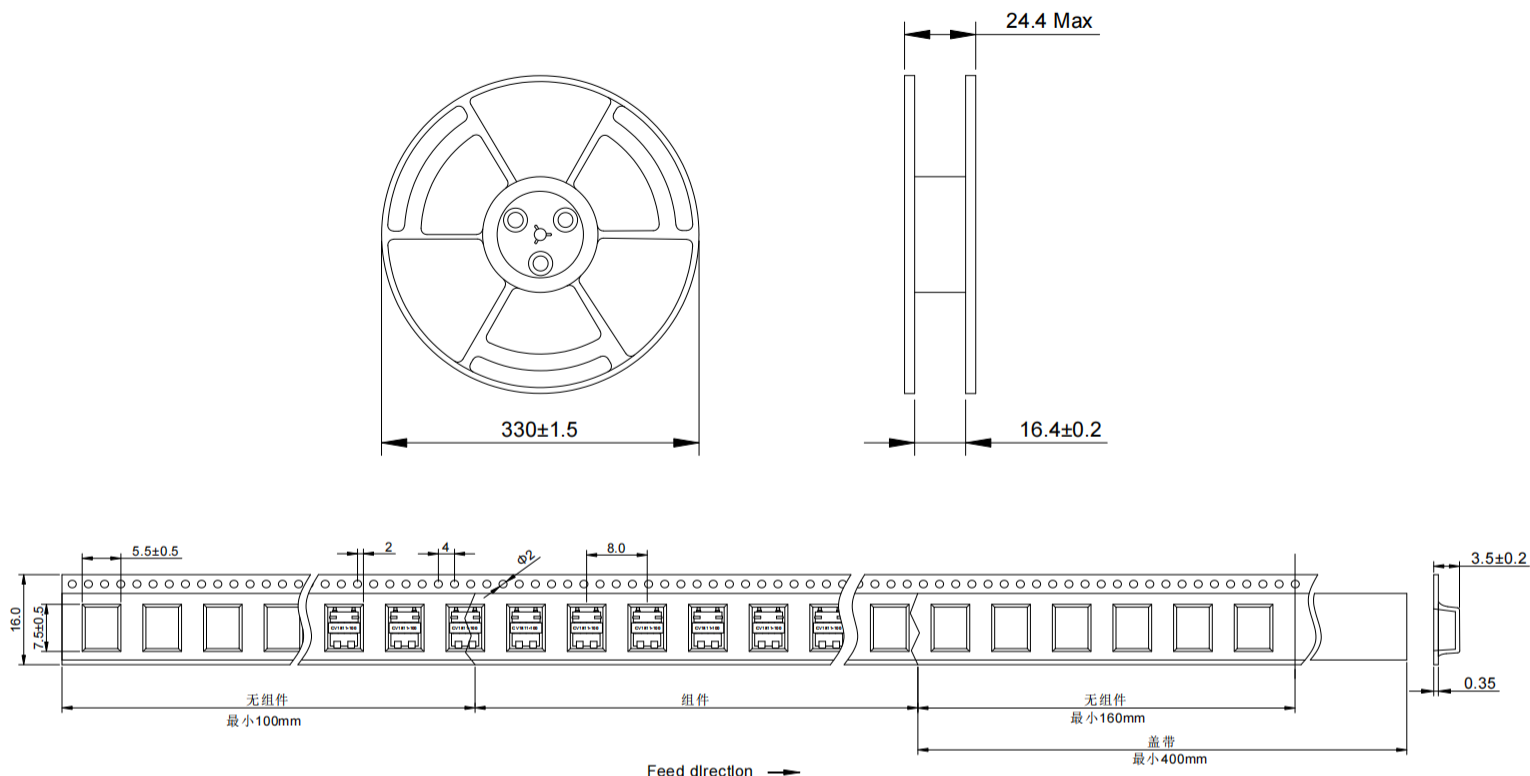
*The specifications of the data measured in the laboratory, different conditions of use, please refer to the actual.

*The specifications are subject to change, without prior notice.

*Without approval, this product can not be used for medical military or other high-risk areas

■ Packaging Specification - Tape and Reel: [mm]

包装规格 - 卷带包装: [mm]



Weight 重量: 0.155g/PCS

Packaging 包装数量: 2500 PCS/Reel