

CT1211

SMD CURRENT SENSE TRANSFORMERS

贴片电流互感器

Features

- For use between 11 kHz to 1 MHz.
适用于 11 kHz 至 1 MHz

- Different turns ratios.
不同的匝比提供选择。

Terminating resistor value is based on 1 Volt output with 30 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 30 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	Inductance 最小电感② Min (mH)	DC Resistance 直流电阻		Voltage-time product 电压时间积 V.μS	Primary Rated Current 初级额定电流 A max	Frequency range 频率 KHz
			pri(Ω)max	Sec(Ω)max			
CT1211-050	1:50	1.7	0.00153	1.5	117	30	33-->1000
CT1211-070	1:70	3.0	0.00153	2.1	164	30	24-->1000
CT1211-100	1:100	7.0	0.00153	3.1	235	30	17-->1000
CT1211-125	1:125	11.0	0.00153	4.1	294	30	13-->1000
CT1211-200	1:200	32.0	0.00153	10.4	423	30	11-->1000

备注：

①3000 Vrms, one minute isolation (hipot) winding to winding.

3000 Vrms, 一分钟绝缘（高压）绕组到绕组

② 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

ShenZhen Powerhen Electronic Co.,Ltd

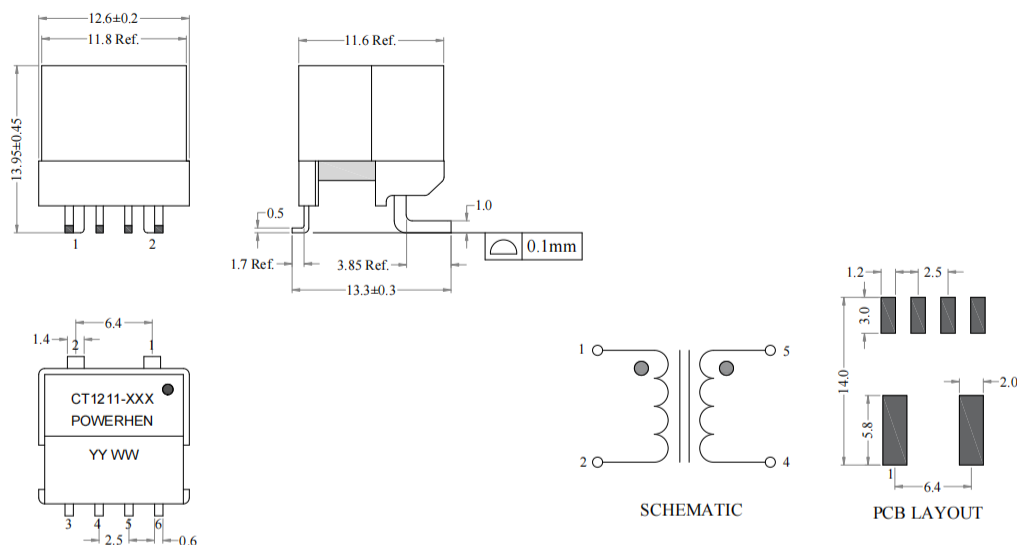
Addr: Floor 3, Building 2, Shenliang Automotive Electronic Industrial Park, Guanlan Town, Shenzhen
Tel: 0755-23570708 E-Mail: sales@powerhen.com

*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.

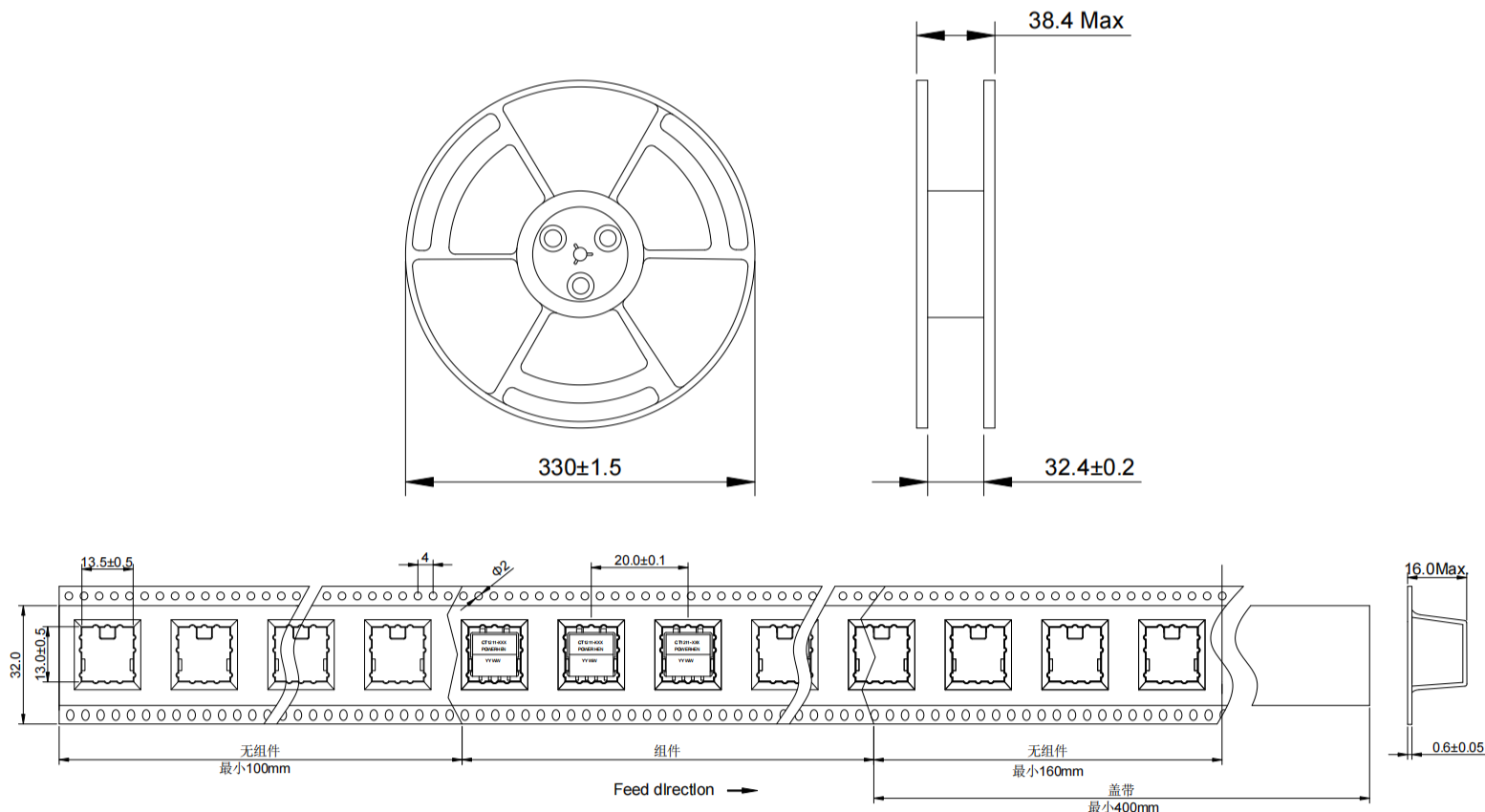
*Without approval, this product can not be used for medical military or other high-risk areas

■ Dimensions



■ Packaging Specification - Tape and Reel: [mm]

包装规格 - 卷带包装: [mm]



Weight 重量: 4.53g/PCS

Packaging 包装数量: 200 PCS/Reel

ShenZhen Powerhen Electronic Co.,Ltd

Addr: Floor 3, Building 2, Shenliang Automotive Electronic Industrial Park, Guanlan Town, Shenzhen
Tel: 0755-23570708 E-Mail: sales@powerhen.com

*The specifications of the data measured in the laboratory, differ from 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