CT7030 CURRENT SENSE TRANSFORMERS 电流互感器

Features

- For use between 10 kHz to 1 MHz.
  适用于 10 kHz 至 1 MHz
- 500 Vrms, one minute isolation (hipot) winding to winding.
  500 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 (Ohms) = Vout × Nsec / Iin
  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（欧姆）= Vout×Nsec / Iin。
- RoHS compatible.
  符合环保要求。
- Operating temperature : -40℃~+125℃.
  工作温度：-40℃~+125℃

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 Pri(Ω)	DC Resistance 直流电阻 Max Sec(Ω)	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
CT7030-020	1:20	0.530	0.0015	0.42	6.4	78->1000	20	1.0
CT7030-050	1:50	0.333	0.0015	2.76	16	31->1000	20	2.5
CT7030-070	1:70	0.652	0.0015	5.04	22.4	22->1000	20	3.5
CT7030-100	1:100	1.330	0.0015	10.68	32	16->1000	20	5.0
CT7030-150	1:150	2.993	0.0015	22.3	48	10->1000	20	7.5

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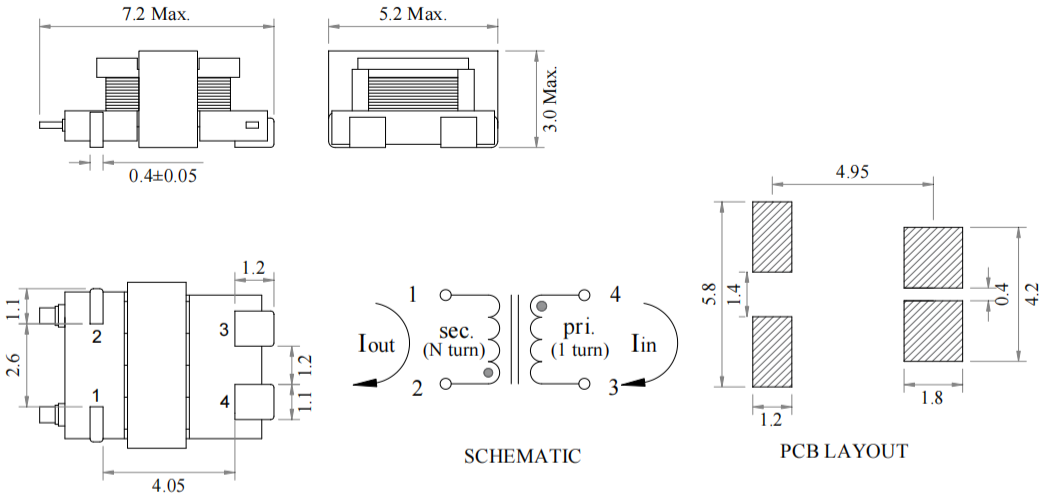
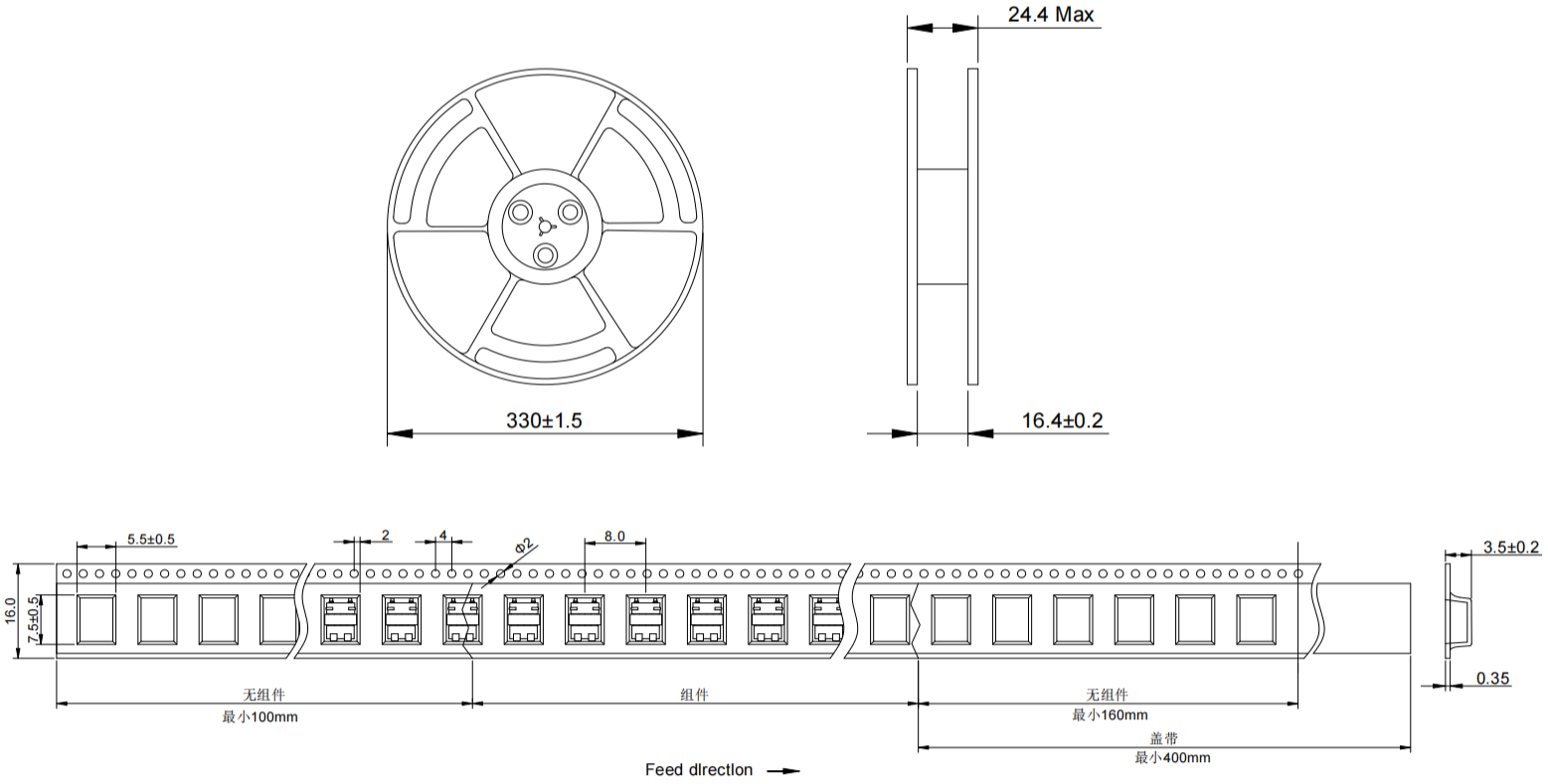
Dimensions



■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

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