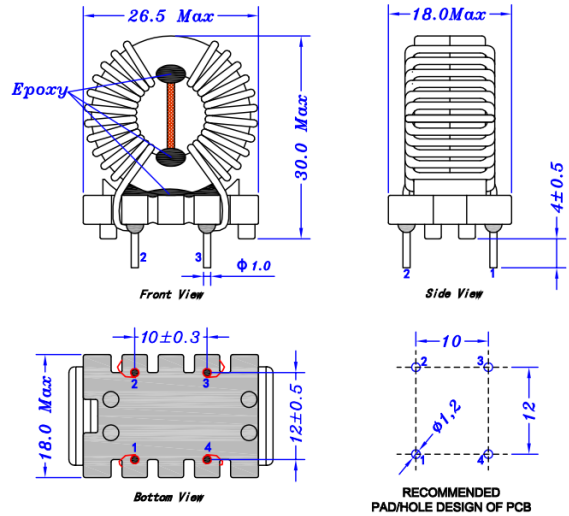


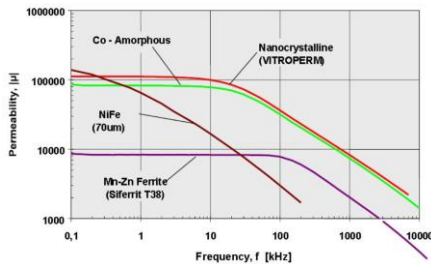
Technical Specification

Current 1.0-20 A - Common Mode Choke 1.0-82.0mH

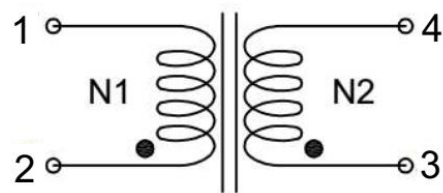


Product Features

- The core is made of Nanocrystalline.
- Decrease the noise by using at 1kHz to 300MHz
- High and stable inductance values at high temperatures.
- Power line in – and output filter.
- Suppression for common mode noise.
- Working at -40 °C to +125°C



SCHEMATIC DIAGRAM



CVT20N-COVER Series

TP code	Rated current per winding A	Inductance Per winding (mH)	DC resistance (m Ω) Per winding (typical)	Suggest PCB hole (mm)
TP317440	20.0 Max	1.0	3.0 Max	$\Phi 1.2$
TP317441	18.0 Max	1.5	3.5 Max	$\Phi 1.2$
TP317442	15.0 Max	2.0	5.0 Max	$\Phi 1.2$
TP317443	11.0 Max	4.0	8.5 Max	$\Phi 1.2$
TP317444	5.0 Max	15.0	38.0 Max	$\Phi 1.2$
TP317445	2.5 Max	82.0	170.0 Max	$\Phi 1.2$

Technical Data

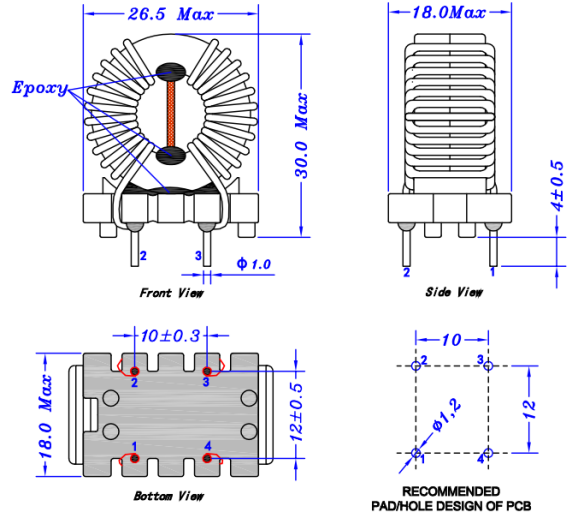
Rated voltage:	Referred to 250V-50Hz and +60°C ambient temperature
Rated inductance:	At +20°C and 10.0kHz, 0.1V
Inductance tolerance:	-30%, +50%
Test voltage:	1500Vac – 50Hz, 3 sec, winding to winding
DC resistance:	At +20°C
Approx. weight:	30.0g Ref.

The chokes are designed and tested in accordance with EN138100 and EN60938-1. The class of flame for plastic materials are complied with UL 94V-0.



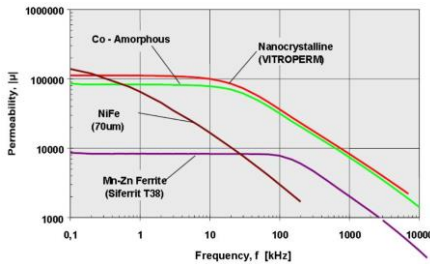
Technical Specification

额定电流 1.0-20.0 A - 共模电感 1.0-82.0mH

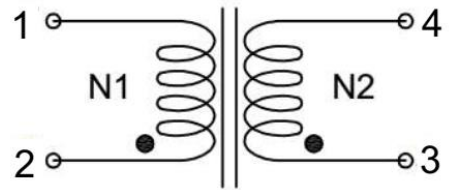


产品特性

- 选用纳米晶合金材质的磁芯
- 在 1.0kHz 到 300MHz 的频率内
- 高温下高而稳定的电感值
- 用于电源线输入和输出滤波器
- 抑制共模噪声
- 具有体积小，高的额定电流的特点。
- 可在-40 摄氏度到 125 摄氏度的温度下工作



SCHEMATIC DIAGRAM



CVT20N-BASE 系列

恒博尔编码	额定电流 A	电感值 mH	电阻值(m Ω)	建议 PCB 孔径 (mm)
TP317440	20.0 Max	1.0	3.0 Max	$\phi 1.2$
TP317441	18.0 Max	1.5	3.5 Max	$\phi 1.2$
TP317442	15.0 Max	2.0	5.0 Max	$\phi 1.2$
TP317443	11.0 Max	4.0	8.5 Max	$\phi 1.2$
TP317444	5.0 Max	15.0	38.0 Max	$\phi 1.2$
TP317445	2.5 Max	82.0	170.0 Max	$\phi 1.2$

技术参数

额定电压:	250V/50Hz +60°C 环境温度
电感值:	+20°C 10.0kHz, 0.1V
电感公差:	-30%, +50%
高压测试:	1500Vac – 50Hz, 3 秒 线圈-线圈
电阻测试:	+20°C
参考质量:	30.0g 仅供参考，以实际不同电感量产品确定。

电感的设计及测试都是依据 EN138100 和 EN60938-1 标准。塑料材质的防火等级符合 UL 94V-0 EN60938-1 标准。