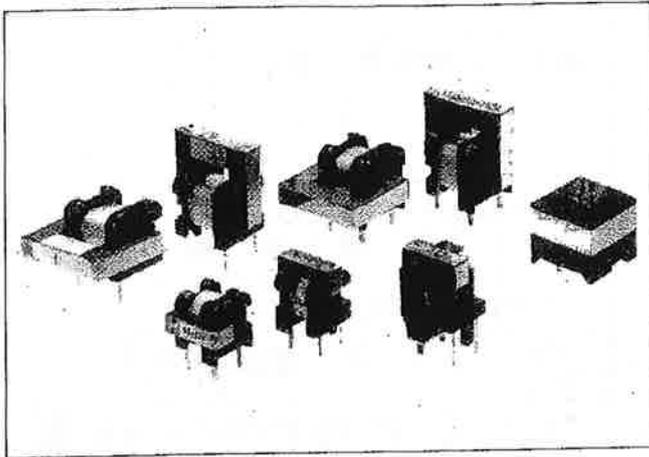


カレントトランス

Current Transformers



特長 Features

- 小型・安価で出力電圧が大きい。
- 使用周波数帯域が広い (50Hz~100kHz)。
- 基板実装が容易。
- 難燃材料 (UL94V-0クラス) を使用。
- Compact, inexpensive, and have high output voltages.
- Broad-frequency bandwidths (50 Hz to 100 kHz).
- Easy mounting on printed circuit boards.
- Use flame-retardant materials (UL94V-0 class).

品名・構成 Product Names and Composition

	Primary pass-through type		Primary mounted type	
	Vertical type	Horizontal type	Vertical type	Horizontal type
CT10 Series	—	—	CT10V1-02	CT10H1-02
	—	—	CT10V1-15	CT10H1-15
	—	—	CT10V1-10S	—
CT19 Series	—	—	—	CT19H1-40
CT25 Series	CT25V-30	CT25H-30	CT25V1-30	CT25H1-30

概要 Outline

TOKINのカレントトランスは小型で高感度な基板実装型のAC電流検出器です。

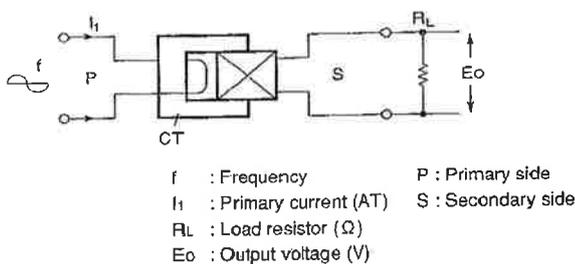
TOKIN current transformers are compact, highly sensitive AC current detectors for mounting on printed circuit boards.

用途 Applications

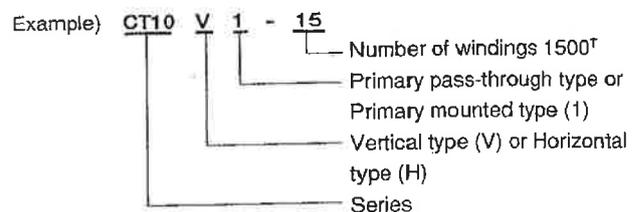
- 電磁調理器、電子レンジ、冷蔵庫、エアコン等家電機器
- OA機器、産業機器の電流制御
- 高周波スイッチング電源機器
- Electromagnetic cooking appliances, microwave ovens, air-conditioners and other home appliances
- Current regulation in OA equipment and industrial equipment
- High-frequency switching power supplies

出力電圧測定回路

Output Voltage Measurement Circuit



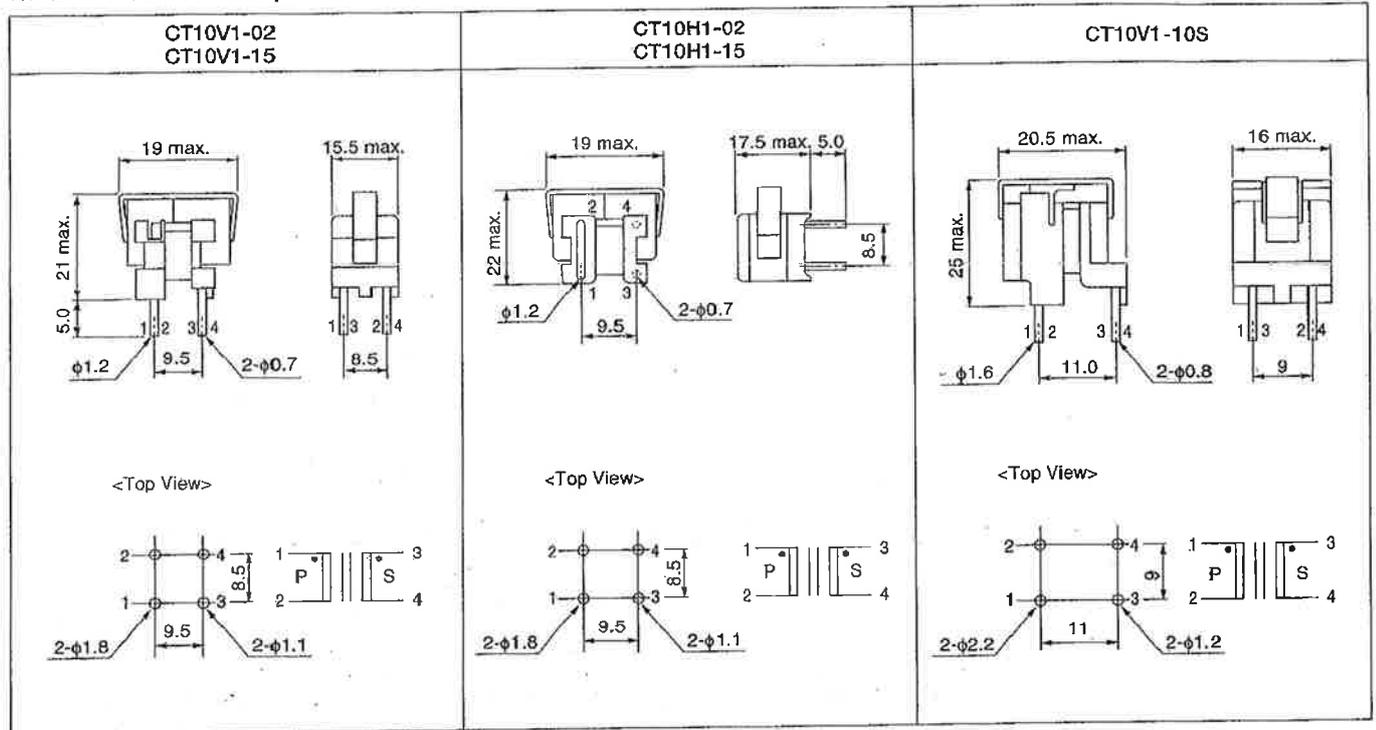
呼称法 Markings



CT-10 Series

形状・寸法 Shape and Dimensions

(mm)



特性・仕様 Characteristics and Specifications

Product name	CT10V1-02 CT10H1-02	CT10V1-15 CT10H1-15	CT10V1-10S
Direct current resistance (Ω) max.	3.9	230	160
Insulation withstand voltage (VAC/1 min)	1500 / 1 min. resist (inter-coil, between coil and core)		3750 / 1 min. resist (inter-coil, between coil and core)
Insulation resistance (MΩ) min.	100 at 500 VDC mega (inter-coil, between coil and core)		
Safety standard (s) met	UL		UL, IEC, VDE

出力電圧特性 Output Voltage Characteristics

