

POWER OVER ETHERNET TRANSFORMERS 以太网电源变压器 POE 系列

FEATURES

- Developed for Powered Devices (PD) in IEEE 802.3bt compliant PoE applications.
- Designed to operate in continuous mode.
- 36–72 V input with versions for 30 Watt output.
- Auxiliary winding output: 12 V.
- 200 kHz switching frequency.

APPLICATIONS

- POE600F Forward Transformers for Power over Ethernet.

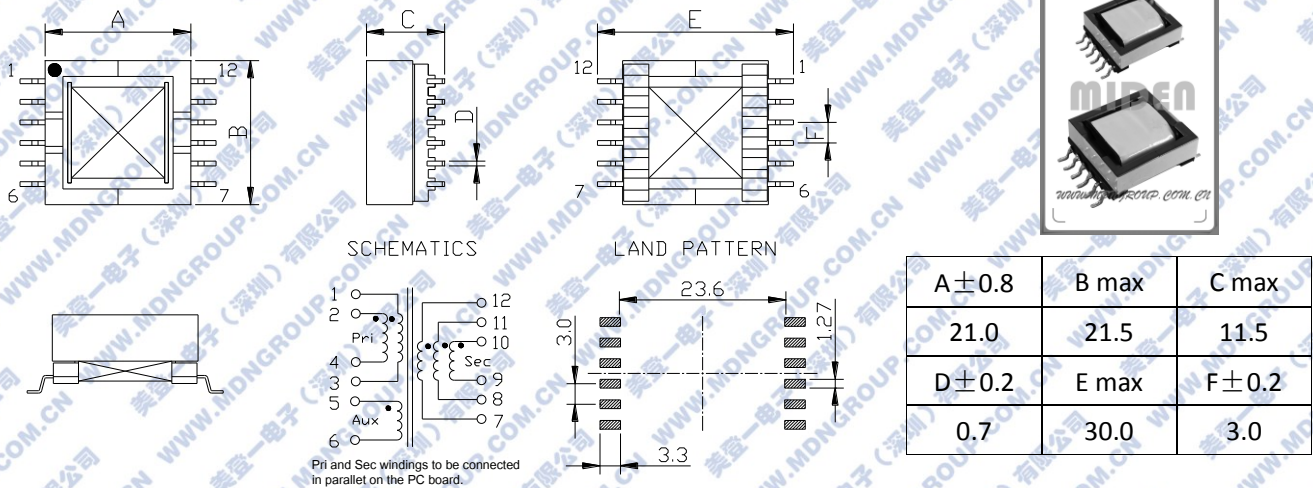
特 征

- 专为符合 IEEE 802.3bt 的 PoE 应用中的受电设备 (PD) 开发;
- 设计用于连续模式;
- 36 – 72 V 输入, 30 瓦输出的版本;
- 辅助绕组输出: 12 V;
- 200 kHz 开关频率。

用 途

- 适用于以太网供电。

DIMENSIONS AND LAND PATTERNS(mm)



SPECIFICATION

P/N	L (uH) ± 20%	Lk (uH) Max	DCR(m Ω)Max			Turns ratio Pri:Sec:Aux	Power (W)	Output
			Pri	Sec	Aux			
POE600F-33L	100	0.55	35	2.3	185	6:1:3.5	60	3.3V,18.18A
POE600F-50L	100	0.30	35	2.7	185	4:1:2.3	60	5V,12A
POE600F-12L	100	0.17	35	8.0	156	2:1:1	60	12V, 5A
POE600F-24L	100	0.14	35	30	156	1:1:0.5	60	24V,2.5A

Remark:1. Inductance is for the primary ,measured at 200KHz,0.1V,0 Adc.
2.DCR for the secondary is measured with the windings connected in parallel.