

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

FEATURES

- Developed for Powered Devices (PD) in IEEE 802.3af compliant PoE applications.
- Designed to operate in continuous mode.
- 36 – 72 V input with versions for 3 Watt output.
- Bias winding output: 12 V, 20 mA.
- 250 kHz switching frequency.

特 征

- 专为符合 IEEE 802.3af 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, 3 瓦输出版本;
- 偏置绕组输出: 12 V, 20 mA;
- 250 kHz 开关频率。

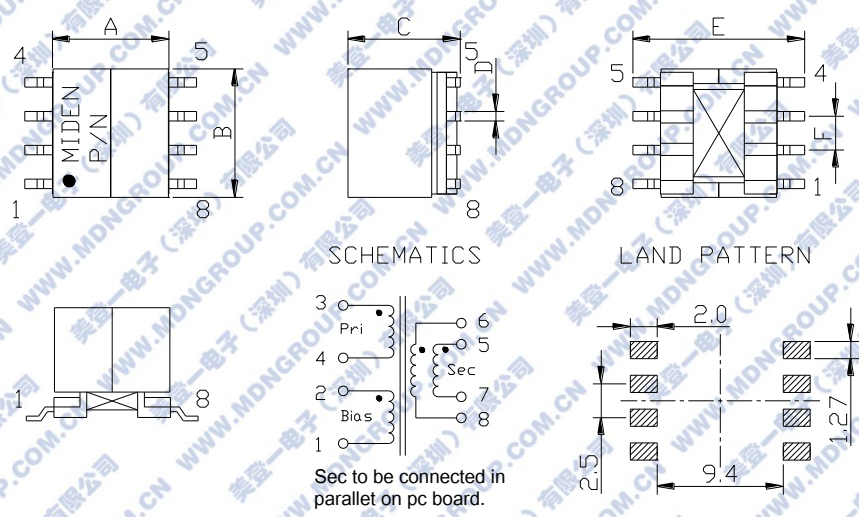
APPLICATIONS

- POE30P Flyback Transformers for Power over Ethernet.

用 途

- 适用于以太网供电。

DIMENSIONS AND LAND PATTERNS(mm)



TYPE	A±0.5	B max	C max	D±0.2	E max	F±0.2
POE30P-	8.6	11.0	9.0	0.7	13.5	2.5

SPECIFICATION

P/N	L (uH) ±10%	Lk (uH) Max	DCR(Ω)Max			Turns ratio		Ipk (A)	Output
			Pri	Bias	Sec	Pri:Sec	Pri:Bias		
POE30P-33L	310	4.75	1.02	2.01	0.066	1:0.19	1:0.70	0.3	3.3V,0.91A
POE30P-50L	310	4.50	1.02	2.01	0.118	1:0.28	1:0.70	0.3	5.0V,0.60A
POE30P-12L	310	4.25	1.04	2.01	0.700	1:0.70	1:0.70	0.3	12V,0.25A

Remark:1. Inductance is for the primary ,measured at 250KHz,0.1V,0 Adc.

2.Ipk is peak primary current drawn at minimum input voltage.

3.DCR for the secondary is per winding.