

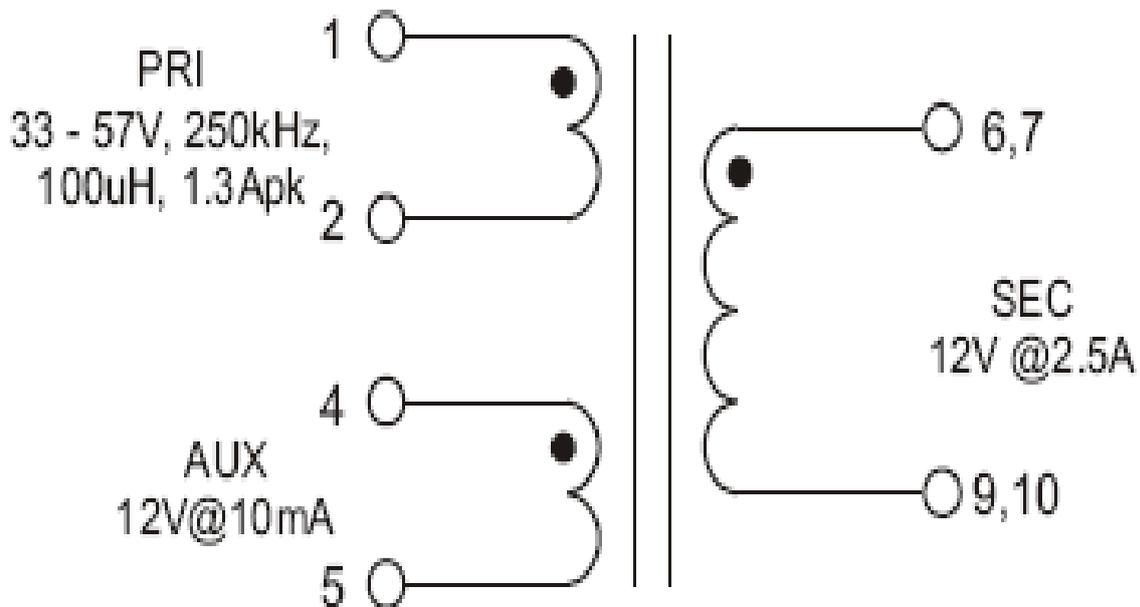


## Feature

- Forward Converter transformers designed for PoE Plus (IEEE802.3at) powered devices with up to 30 Watts
- Designed for 250kHz switching frequency with input of 33- 57V
- Hipot voltage: 1500Vrms
- RoHS compliance product
- Flyback Transformer
- Surface Mount Device Providing Compact Footprint
- Operating temperature range:-40 °C to +125 °C

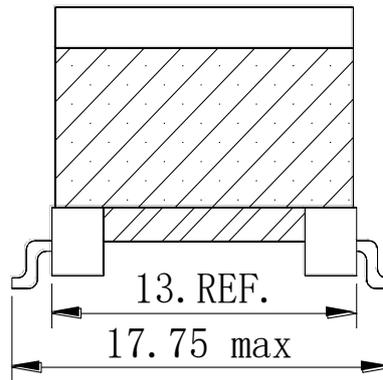
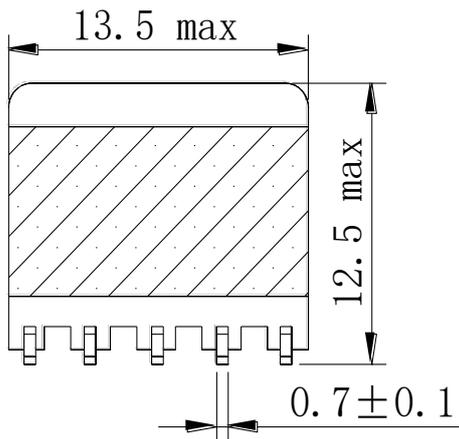
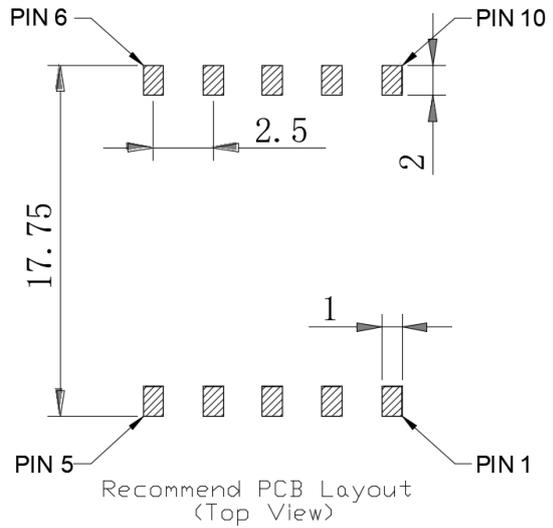
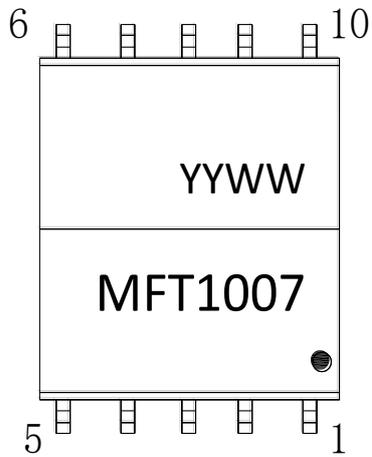
Electrical Specifications @ 25°C								
Part Number	Turns Ratio @100KHz 1V	OCL @100KHz 0.25V	OCL @100KHz 0.25V, DC1.3A)	Lk @100KHz 0.1V	DCR			Hi-Pot (VAC 2mA 2Sec)
	1-2:4-5:6,7-9,10	1-2	1-2	1-2(short others)	1-2	6,7-9,10	4-5	
MFT1007	1.8:1:1±1%	100uH ±10%	80uH MIN.	0.875uH MAX.	210mΩMax	35mΩMax	580mΩMax	1500

## Schematic





Mechanical



PIN 腳平整度 0.1mm Max.

Dimension (mm) : Unless otherwise specified, all tolerances are ±0.25mm