



EP5 Flyback Transformer DC Transformer

Characteristics:

- Simple design integration
- Fewer external components required
- Compact board size
- Cost-effective
- No need for an optocoupler
- Long-term voltage regulation reliability
- No degradation over time
- Consistent external components for different output voltages
- Easy customization of power supply by adjusting transformers and two feedback loop components

Options:

- PoE PD flyback transformer, 36-57V input, 200-500kHz switching frequency
- -40°C to +125°C operating temp, 1.5kVAC/1min isolation voltage
- Various output powers/voltages available
- For PoE devices: IP phones, WLAN access points, access control terminals & security cameras

Common Applications:

- Isolated power design
- Sensor interfaces
- Isolated telecom converters
- Power over Ethernet

Physical Properties

Order Code	V _{IN}	V _{Out1} (V)	I _{Out1} (A)	V _{Out2} (V)	I _{Out2} (A)	V _{Out3} (V)	I _{Out3} (A)	V _{Out4} (V)	I _{Out4} (A)	V _{aux} (V)	L (μH)	n	I _{SAT} (A)	L _S (μH)	V _T (V(AC))
INF-EP5-60μH	8 - 15 V (DC)	150	0.001	-	-	-	-	-	-	-	60	1:5	0.25	1	1500

Technical Specifications

