



EPC46 High Frequency Transformer DC Transformer

Characteristics:

- Multiple EPC-type sizes available, working frequency: 10kHz~1MHz+ (10kHz-50kHz, 50kHz-100kHz, 100kHz-500kHz, 500kHz-1MHz, over 10MHz)
- Power rate range: <5W to 500W-1000W (covers 5W-10W, 10W-20W, 20W-50W, 50W-100W, 100W-200W, 200W-500W)
- Usable as flyback/drive/control/inverter/ SMPS transformer, high-current inductor

Options:

- Low energy loss, high output power
- Low operating temperature, stable performance

Common Applications:

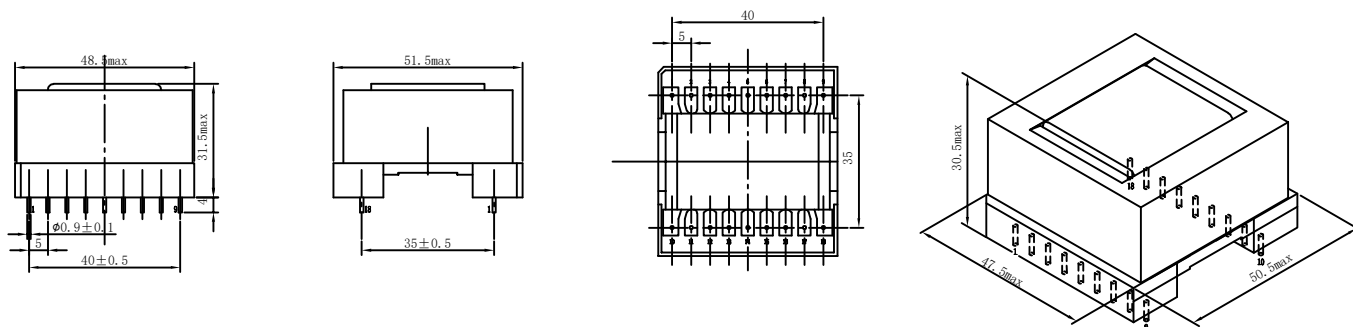
- Switching mode power supplies, chargers, inverters, servers, medical equipment
- LED light, outdoor lighting, audio & visual equipment, alarm systems
- Solar energy converters, electric cars

Physical Properties

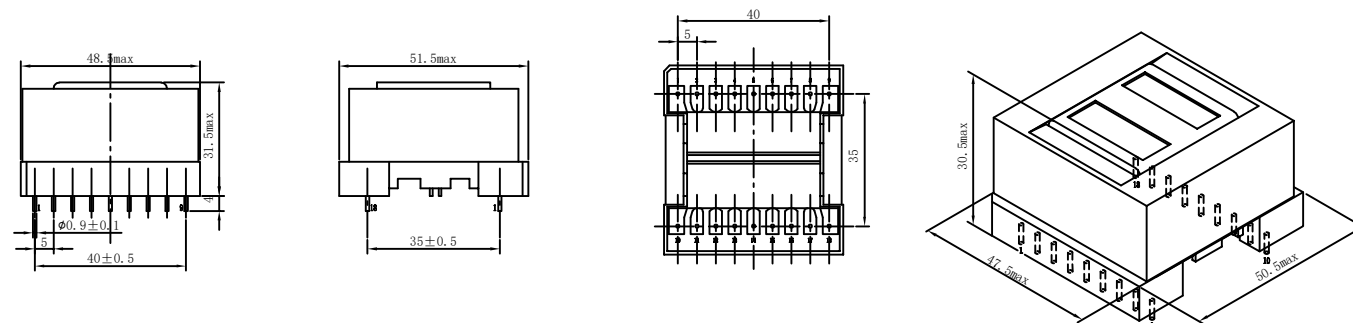
Order Code	Structure	Dimension (mm)			Pin Row (mm)	Slots
		A	B	C		
INF-EPC46-01	Horizontal	50.5	47.5	30.5	9+9	Singe Slot
INF-EPC46-02	Horizontal	50.5	47.5	30.5	9+9	Double Slot

Technical Specifications

INF-EPC46-01



INF-EPC46-02





1210 SCC SMT Common Mode Line Filter

Characteristics:

- Enormous common mode impedance Z
- Small dimensions
- 1:1 turns ratio
- High current ratings
- Climatic category 40/125/21
- Flammability corresponding to UL 94 V-0

Options:

- High common mode impedance Z, small dimensions, 1:1 turns ratio
- High current ratings, UL 94 V-0 flammability, 40/125/21 climatic category
- For common mode noise suppression, power supplies & data lines

Common Applications:

- Suppression of common mode noise
- Power supply system
- Data lines

Physical Properties

Order Code	L ₁ (μH)	Z _{max} (Ω)	I _R (mA)	R _{DC max.} (Ω)	V _R (V)	V _T (V(AC))
INF-1210-10μH	10	10000	2750	0.04	80	250
INF-1210-100μH	100	40000	1000	0.28	80	250
INF-1210-1000μH	1000	160000	300	2.5	80	250

Technical Specifications

