



EI Series High Voltage Frequency Transformer

Characteristics :

- EI-type with multiple size options, high-frequency working range: 10kHz~1MHz+ (divided into 10kHz-50kHz, 50kHz-100kHz, 100kHz-500kHz, 500kHz-1MHz, over 10MHz)
- Power rate coverage: <5W up to 500W-1000W (including 5W-10W, 10W-20W, 20W-50W, 50W-100W, 100W-200W, 200W-500W)
- Usable as flyback/drive/control/inverter/SMPS transformer, high-current inductor

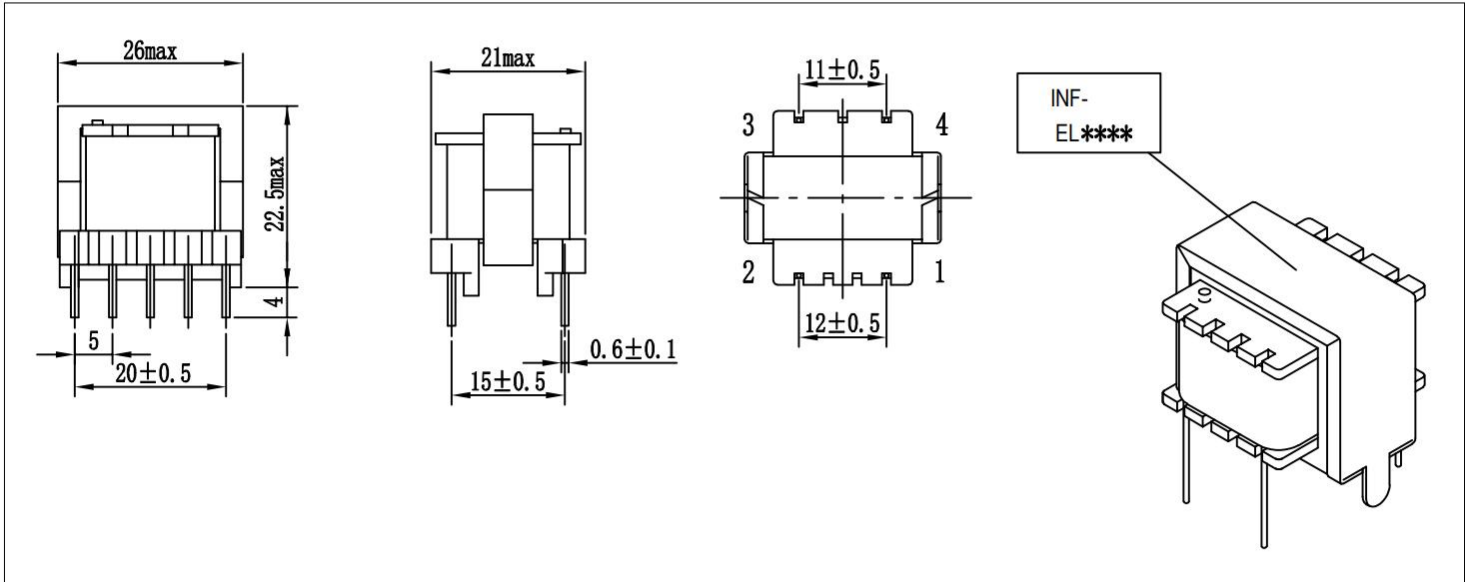
Options :

- Good magnetic performance, low magnetic leakage
- Low energy loss, strong interference immunity

Common Applications :

- Switching mode power supplies, chargers, inverters, lighting (pool/garden light included)
- Alarm systems, robots/automation equipment, servers, communication equipment
- Electric vehicles, medical equipment

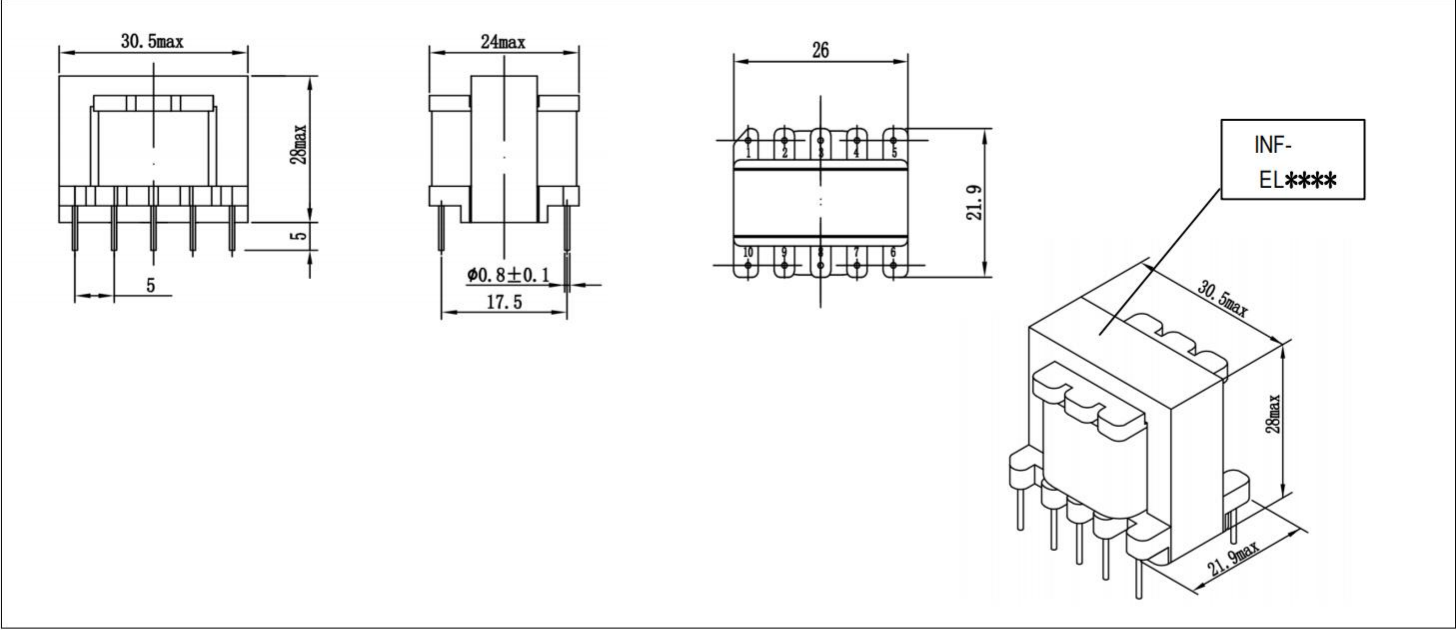
Technical Specifications (Vertical)



 www.inftechs.com No.99 Xingfa Road,Jiangning District, Nanjing,China Phone: +86 13851427688 (Mr.Cao) +86 15618213281 (Mrs.Cao) +86 18251887688 (Mr.Zhu) Email: inf118@sina.com inf1188@vip.sina.com Http://www.inftechs.com				CHECKED Darren	REVISION 004.002	DATE(YYY-MM-DD) 2024-11-22	GENERAL TOLERANCE ISO 2768-1m	PROJECTION METHOD
DESCRIPTION High-Frequency Transformers INF-EE Series								
SIZE/TYPE EE Type				BUSINESS UNIT Kayak		STATUS Zhu		PAGE 1/9

This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Infinity Technology Co.,Ltd products are neither designed nor intended for use in areas such as military, aerospace, aviation, nuclear control, submarine, transportation, transportation signal, disaster prevention, medical, public information network etc.. Infinity Technology Co.,Ltd must be informed about the intent of such usage before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

Technical Specifications(Horizontal)



Physical Properties

Order Code	Specifications	External dimension mm			Reference Va.		Weight
		A	B	C	F=50KHz	F=100KHz	Reference Value G
INF-EI14	EI14(3+3)	15	13	14	4	8	10
INF-EI22	EI22(4+4)	23	21	18	14	20	16
INF-EI25	EI25(5+5)	26	22	19	20	30	21
INF-EI28-01	EI28(5+5)	29	22	22.5	42	58	35
INF-EI28-02	EI28(6+6)	29.2	23	23.2			
INF-EI30-01	EI30(5+5)	31	29	26	61	95	54
INF-EI30-02	EI30(6+6)	30.5	28	24			
INF-EI33-01	EI33(6+6)	35	33	28.5	100	150	78
INF-EI33-02	EI33(7+7)	38	35.5	28.5			
INF-EI40-01	EI40(6+6)	42	38	29	160	250	110
INF-EI40-02	EI40(7+7)	41	35.5	35.5			

Certification

ISO Approval	GB/T 19001-2016/ISO 9001:2015
CQC Approval	GB/T 19212.1-2016;GB/T 19212.17-2019
UL Approval	11454637

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