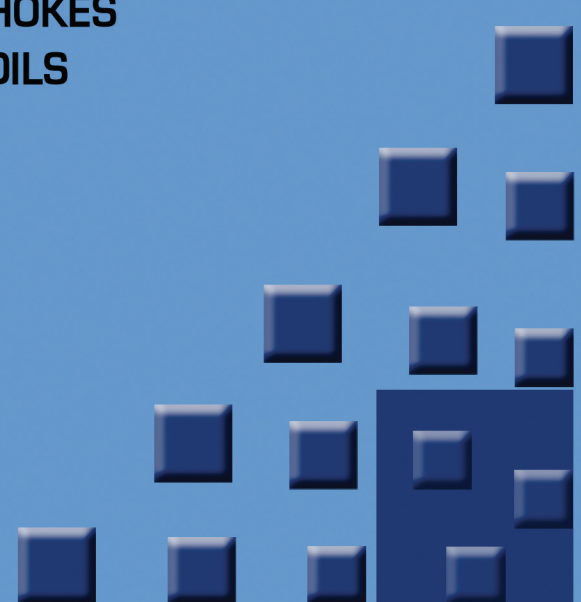


FE Technology Inc.

Transformers Inductors

TRANSFORMERS
INDUCTORS
TOROIDS
CHOKES
COILS

Industry Standards
International Styles
Safety Approvals
Custom Designs
JIT Scheduling





FE Technology Inc.

OEM Manufacturing Specialists

POWER TRANSFORMERS, CHOKES, INDUCTORS, TOROIDS, COILS

FE Technology is an industry leader in the manufacturing, sales and distribution of Power Products. These products include custom Power Transformers, Chokes, Inductors, Toroids, Coils and other magnetic devices. Our organization has over 20 years experience in serving the OEM Industry throughout the North American, European, and Asian markets. We offer the cost advantage of Far East manufacturing backed up with a highly competent local engineering, sales and support staff. In addition, we have staff in Taiwan and China to oversee the manufacturing, quality and logistics for the products that we market on a worldwide basis. We are dedicated to establishing a customer/supplier partnership. We use our resources to find the most economical solution to meet our customer's specific requirements. We offer the highest quality products, and the level of service required to fit the needs established by our customer/partner.

PRODUCTS: We offer a wide variety of custom power products and a wide variety of related magnetic products. we have a high quality engineering a R&D team, available to do custom designs for Transformers and other Magnetic Devices; to meet the specific needs of your program or project.

QUALITY: Our factory is ISO certified to ISO 9001. Our products also meet the RoHS standards, when required. We maintain complete QA files in our manufacturing facility for IQC, IPQC through to Final QA, to insure the ongoing quality of our products during their service life. Our factory QE group is prepared to offer standard testing data and special customer testing, when required.

SHIPPING: We currently offer 2 USA shipping points for JIT delivery -- Ohio and California. We understand the importance of JIT scheduling and are prepared to work with our customers on specific shipping and warehousing needs, as required. We can inventory your products in our warehouse and ship based on your scheduling. We can also provide FOB Far East shipping for customers who have this need. Normally, we will make these shipments out of Hong Kong. Our goal is to work with our customer to provide a program that will fit their needs.

SAFETY AGENCY APPROVALS: All of our products comply with worldwide safety requirements. Most of our products have Safety Approvals for: UL/cUL; TUV; UK; Japan; China; Australia. We can also offer CE Certification.



Sales & Engineering
Phone: 937-898-9472
Fax: 937-898-9473

Corporate Headquarters

Phone: 925-803-1238
Fax: 925-803-1212





Custom Transformers

FE Technology is a long established, professional manufacturer of OEM & ODM Magnetic Products. Our extensive experience with OEM & ODM manufacturers enables us to accommodate almost any specification for Magnetic Products. Our concentration is on Custom OEM & ODM Products. The following is a brief summary of some of the standard available designs, but our capabilities far exceed this list. We are happy to review any requirement or specification you have an application for and we will respond as fast as possible.

We manufacture a wide variety of Power Transformers, which include both Ferrite Core and Steel Lamination technology. These products are used in many power applications, which include "high frequency switching power" to "low frequency, low cost, lamination applications". The following basic designs represent a condensed list of capabilities and standard available laminations, cores and bobbins. We have the capability and resources to address any custom or special design.

Power Transformers

Line Filters

Inductors/Chokes/Coils

Toroid Transformers



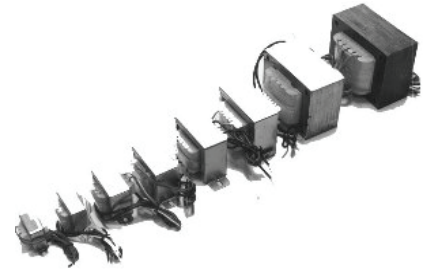


Power Transformers

Power, Lamination Transformers/Ferrite Core Transformers

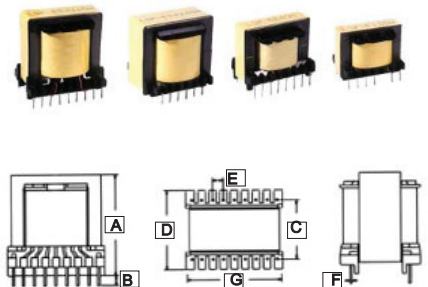
These designs are based on the customer's application. These are normally used in a low frequency environment and many standard transformer requirements.

- Size from EI-28, 35, 41, 48, 57, 66, 76, 86, 96
- Output Power from 0.1VA to 200VA
- Low Cost Transformer
- Can build to comply with UL / CSA, EN / IEC / CE, BS, AS standards
- EI-28, 35, 41, 48 sizes are already UL1411 listed

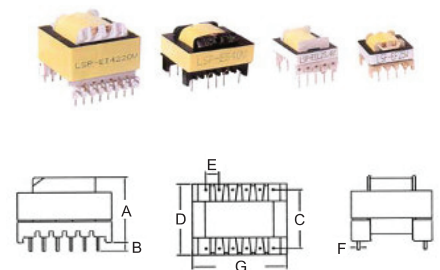


Description of Model No.: (1)XX: CORE TYPE
 (2)CORE SIZE
 (3)V: VERTICAL H: HORIZONTAL
 (4)PIN Q'TY

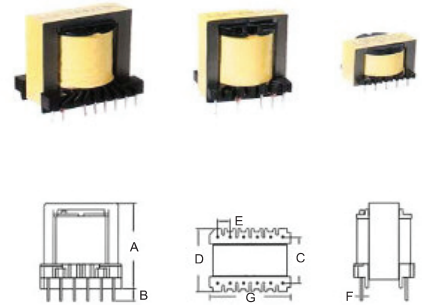
MODEL	A max	B \pm 1.0	C \pm 0.3	D max	E \pm 0.3	F \pm 0.1	G max
EE25V-8PIN	23.0	4.0	12.5	19.0	5.0	0.8	26.0
EE25V-10PIN	24.0	4.0	15.0	21.0	5.0	0.8	26.0
EI28V-8PIN	27.0	4.0	20.0	26.0	5.0	0.8	30.0
EI28V-10PIN	23.0	4.0	17.5	22.5	5.0	0.8	29.0
EI30V-10PIN	28.5	4.0	17.5	22.0	5.0	0.8	32.0
EI30V-12PIN	30.0	4.0	20.0	26.0	5.0	0.8	31.0
EI33V-12PIN	32.0	4.0	22.5	30.0	5.0	0.8	35.0
EI35V-12PIN	33.0	4.0	20.0	26.0	5.0	0.8	36.5
EI40-12PIN	38.0	4.0	22.5	30.0	5.0	0.8	35.0
EI40V-12PIN	38.0	4.0	22.5	29.0	5.0	0.8	42.0
EI40V-16PIN	39.0	4.0	22.5	30.0	5.0	0.8	42.0
EE4215V-18PIN	51.0	4.0	27.5	33.0	5.0	1.0	46.0
EE4215V-18PIN	51.0	4.0	25.0	33.0	5.0	1.0	46.0
EE4220V-18PIN	51.0	4.0	27.5	39.0	5.0	1.0	47.0



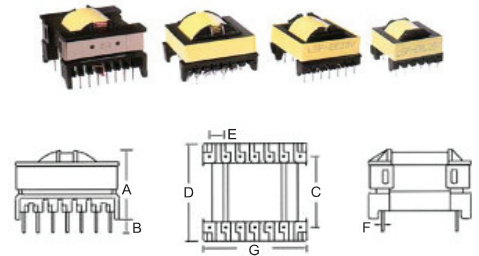
MODEL	A(Max)	B \pm 1.0	C \pm 0.3	D(max)	E \pm 0.3	F \pm 0.1	G(max)
EE25H-10PIN	23.0	2.8	25.4	31.0	5.078	0.64	25.0
EE25H-8PIN	21.0	4.0	20.0	30.0	5.0	0.8	26.0
EE30H-12PIN	23.0	4.0	25.0	30.0	5.0	0.8	21.0
EE40H-12PIN	33.0	4.0	27.0	36.0	5.0	1.0	35.0
EE40H-14PIN	33.0	4.0	27.0	36.0	5.0	1.0	35.0
EE4215H-12PIN	41.0	4.0	31.0	38.0	5.0	1.2	48.0
EE4215H-16PIN	33.0	4.0	38.0	52.0	7.5~5.0	1.0	48.0
EE4220H-16PIN	46.0	4.0	38.0	52.0	7.5~5.0	1.0	48.0



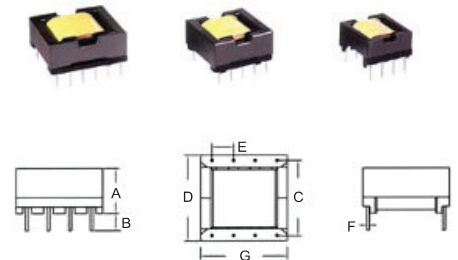
MODEL	A(Max)	B \pm 1.0	C \pm 0.3	D(max)	E \pm 0.3	F \pm 0.1	G(max)
EER28V-12PIN	32.5	4.0	17.50	24.0	5.00	0.8	32.0
EER28V-12PIN	31.0	4.0	22.00	27.0	5.00	0.8	32.0
EER28LV-10PIN	37.0	4.0	17.50	24.0	5.00	0.8	30.0
EER28LV-12PIN	39.0	4.0	17.50	28.0	5.00	0.8	31.0
EER28LV-12PIN	39.0	4.0	20.00	28.0	5.00	0.8	31.0
ETD29V-14PIN	41.0	4.0	20.32	25.0	5.08	0.8	36.0
EER35V-12PIN	46.0	4.0	22.50	29.0	5.00	1.0	37.0
EER35V-14PIN	46.0	4.0	22.50	30.0	5.00	1.0	38.0
EER35V-16PIN	48.0	4.0	22.50	30.0	5.00	1.0	41.0
EER35V-16PIN	48.0	4.0	25.00	30.0	5.00	1.0	41.0
EER39V-16PIN	52.0	4.0	25.00	32.0	5.00	1.0	44.0
EER39V-18PIN	52.0	4.0	25.00	32.0	5.00	1.0	44.0
EER40V-14PIN	52.0	4.0	25.00	31.0	5.00	1.0	43.0
EER4215V-14PIN	49.0	4.0	25.00	31.0	5.00	1.0	43.0
EER4220V-18PIN	49.0	4.0	25.00	33.0	5.00	1.0	48.0



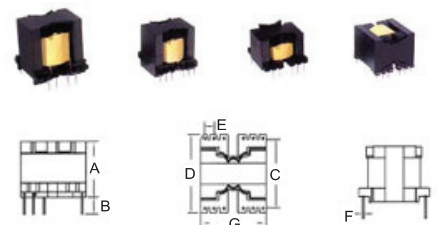
MODEL	A(Max)	B \pm 1.0	C \pm 0.3	D(max)	E \pm 0.3	F \pm 0.1	G(max)
EER28H-12PIN	25.0	4.0	25.00	38.0	5.00	0.8	31.0
EER28H-18PIN	25.0	4.0	30.00	38.0	5.00	0.8	31.0
EER35H-16PIN	30.0	4.0	35.00	44.0	5.00	1.0	41.0
ETD39H-16PIN	34.0	4.0	30.20	46.0	5.00	1.0	46.0
EER40H-16PIN	33.0	4.0	35.00	45.0	5.00	1.0	41.0
ETD49H-20PIN	42.0	4.0	40.64	57.0	5.00	0.8	56.0
EER34H-14PIN	35.0	4.0	25.80	45.0	5.00	1.0	41.0
EER44H-18PIN	41.0	4.0	35.50	53.0	4.95	1.0	52.0



MODEL	A(Max)	B \pm 1.0	C \pm 0.3	D(max)	E \pm 0.3	F \pm 0.1	G(max)
EF12.6H-10PIN	12.0	4.0	10.16	16.5	2.54	0.5	14.5
EF16H-14PIN	15.0	4.0	12.7	21.0	2.54	0.64	21.0
EF16H-16PIN	15.0	4.0	15.24	12.7	2.54	0.64	21.0
EF20H-8PIN	17.0	4.0	15.0	21.0	5.0	0.7	21.0
EF25H-8PIN	24.5	4.0	20.0	27.0	5.0	0.64	27.0
EF30H-12PIN	22.0	4.0	25.2	34.0	5.0	0.8	33.0
EFD15H-8PIN	8.5	4.0	13.75	17.0	3.75	0.9	16.0
EFD20H-8PIN	10.0	4.0	17.5	20.5	5.0	0.9	20.0
EFD25H-10PIN	17.0	4.0	22.5	28.0	5.0	0.8	28.0
EFD30H-12PIN	15.0	4.0	27.5	33.0	5.0	0.8	32.0



MODEL	A(Max)	B \pm 1.0	C \pm 0.3	D(max)	E \pm 0.3	F \pm 0.1	G(max)
PQ2016V-14PIN	18.3	4.0	20.3	23.0	2.5	0.6	23.0
PQ2020V-14PIN	22.3	4.0	20.0	23.0	2.5	0.6	23.0
PQ2620V-12PIN	21.5	4.0	25.4	29.3	3.8	0.7	26.5
PQ2625V-12PIN	29.1	4.0	25.4	29.3	3.8	0.7	26.5
PQ3220V-12PIN	22.5	4.0	30.0	34.0	5.0	0.8	32.0
PQ3230V-12PIN	32.1	4.0	30.5	34.0	5.0	0.8	32.0
PQ3535V-12PIN	37.4	4.0	35.0	39.0	5.0	0.8	35.0
PQ4040V-12PIN	42.3	4.0	38.0	42.0	5.0	0.8	40.0



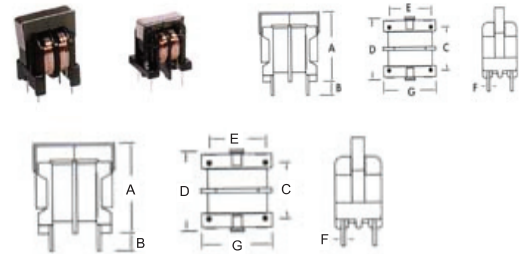


Line Filters

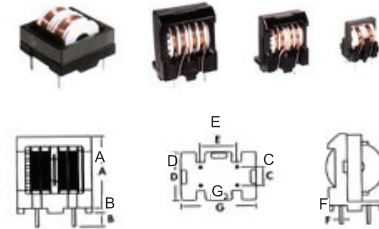
Features:

- Our Line Filters are Available in Low-Profile Horizontal or Vertical Configurations.
- High Impedance and Excellent Frequency Characteristic.
- Low Magnetic Flux Leakage.
- Low DCR, High Inductance and Compact Size.
- Use UL approved Insulation Material (94V-0).
- Conform to various International Safety Standards such as UL, CSA , VDE & FCC.

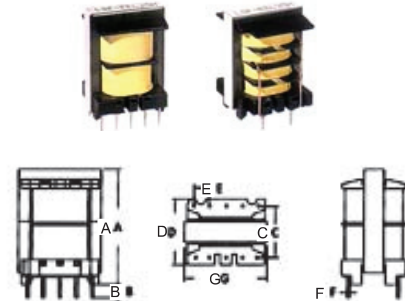
MODEL	A(Max)	B±1.0	C±0.3	D(max)	E ±0.3	F±0.1	G(max)
UU9.8V-4PIN	16.0	4.0	8.0	11.5	7.0	0.6	11.5
UU10.5V-4PIN	17.0	4.0	12.8	19.5	10.0	0.7	17.0
UU15.7V-4PIN	24.0	4.0	15.0	19.5	13.0	0.8	17.0



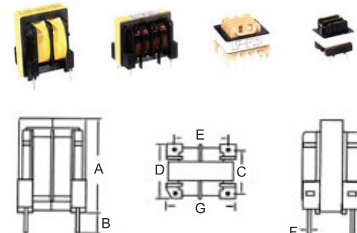
MODEL	A(Max)	B±1.0	C±0.3	D(max)	E ±0.3	F±0.1	G(max)
ET20V-4PIN	23.0	4.0	13.0	22.0	10.0	0.8	17.0
ET20H-4PIN	18.5	4.0	13.0	22.0	10.0	0.8	22.0
ET24V-4PIN	31.0	4.0	10.0	19.0	13.0	0.8	26.0
ET14H-4PIN	21.0	4.0	15.0	26.0	21.0	0.8	26.0
ET28V-4PIN	36.0	4.0	10.0	22.0	13.0	0.8	30.0
ET28H-4PIN	25.0	4.0	20.0	30.0	24.0	0.8	30.0
ET35V-4PIN	45.0	4.0	15.0	26.0	21.0	1.2	37.0
ET35H-4PIN	29.0	4.0	25.0	37.0	30.0	1.0	37.0



MODEL	A(Max)	B±1.0	C±0.3	D(max)	E ±0.3	F±0.1	G(max)
EEL16V-10PIN	32.0	4.0	12.2	18.5	2.7+3.5	0.6	22.5
EEL19V-10PIN	31.0	4.0	10.0	17.5	4.0	0.8	23.5
EEL22V-10PIN	32.0	4.0	12.5	18.0	5.0	0.8	27.0
EEL25V-6PIN-2G	33.0	4.0	19.0	24.0	8.0	0.8	27.0
EEL25V-10PIN-2G	35.0	4.0	15.8	21.0	5.0	0.8	27.0



MODEL	A(Max)	B±1.0	C±0.3	D(max)	E ±0.3	F±0.1	G(max)
EE19H-10PIN	18.0	4.0	13.0	19.0	12.0	0.7	16.0
EE25H-4PIN	25.0	4.0	15.0	19.5	14.0	0.8	22.0
EE25H-10PIN	25.0	4.0	15.5	27.0	5.0	0.8	27.5
EE35H-4PIN	36.0	4.0	19.6	28.0	22.0	0.8	28.0





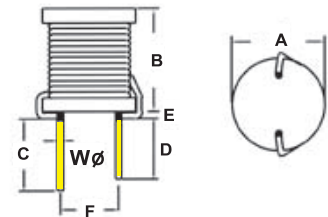
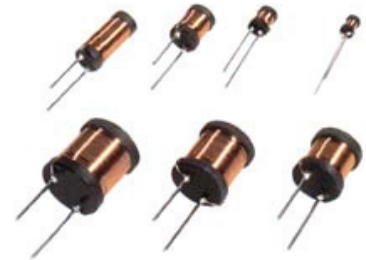
Inductors / Chokes / Coils

These devices are used to Suppress, Minimize and Absorb Noise for compliance with FCC, CISPR, CDE, FTZ, VCCI, etc. They can also be used to suppress external noise.

DRUM STYLE:

P/N : CORE TYPE/CORE SIZE

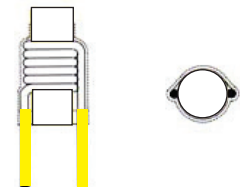
DR	5X7	(1) CORE TYPE					
(1)	(2)	(2) CORE SIZE					
MODEL	A(max)	B±1.0	C±0.3	D(max)	E±0.5	F±0.5	G(max)
DR 5X7	5.5	9	15	12	2	3	0.6
DR 6X8	6.5	10	15	12	2	3	0.6
DR 8X7	8.5	9	15	12	2	4	0.6
DR 8X10	8.5	12	15	12	2	4	0.6
DR 8X12	8.5	14	15	12	2	5	0.6
DR 9X12	9.5	14	15	12	2	5	0.6
DR 10X11	10.5	13	15	12	2	6	0.8
DR 10X12	10.5	14	15	12	2	6	0.8
DR 10X15	10.5	17	15	12	2	6	0.8
DR 10X16	10.5	18	15	12	2	6	0.8
DR 12X16	12.5	18	15	12	2	7.5	0.8
DR 13X15	13.5	17	15	12	2	7.5	0.8
DR 14X15	14.5	17	15	12	2	7.5	1.0
DR 14X19	14.5	21	15	12	2	7.5	1.0
DR 16X18	16.5	20	15	12	2	10	1.0
DR 18X18	18.5	20	15	12	2	10	1.0
DR 18X20	18.5	22	15	12	2	10	1.0



RADIAL STYLE:

P/N : CORE TYPE/CORE SIZE/INDUCTANCE

R	0310	IR8K	(1) CORE TYPE
(1)	(2)	(3)	(2) CORE SIZE
			(3) INDUCTANCE
MODEL	INDUCTANCE	RATED CURRENT	
R-0310-1R8K	1.8uH at 1K Hz	1.9A DC	
R-0410-4R7K	4.7uH	2.0A	
R-0420-120K	12uH	2.0A	
R-0425-150K	15uH	1.8A	
R-0520-180K	18uH	1.6A	
R-0525-270K	27uH	1.2A	
R-0615-150K	15uH	1.9A	
R-0620-270K	27uH	1.0A	
R-0625-120K	12uH	5.0A	
R-0630-150K	15uH	5.0A	
R-0810-220K	22uH	3.0A	
R-8020-270K	27uH	3.0A	
R-1020-390K	39uH	4.0A	
R-1030-101K	100uH	5.0A	





Toroid Transformers

Benefits of the Toroid Transformer:

- High Efficiency: Excellent efficiency of ferrite core. Efficiency loss is half that of EI laminated core.
- Save Energy: Less energy consumption and eco-friendly materials.
- Light Weight: Capable of design criteria that can save 35~45% of weight.
- Small Volume: Due to form factor and simple structure, the volume can be less than that of an EI core by more than 40%.
- Changeable Size: The height and diameter of the ferrite core is flexible, so as to match the preferred installation space of the product.
- Easy to Install: Steel Washer, Rubber Pad & Locking Nut; or Epoxy Potted Center; Euro Mount.
- Little Noise: There is no air gap or mechanical spacing in the ferrite core, so the noise is 10~20% of that of EI core.
- Low Magnetic Loss: There is no air gap in the ferrite core, so the magnetic loss is 20% of that of an EI core

Typical Applications for Toroid Transformers:

- Hi-Fi Equipment
- Lamp Applications
- Industrial Control Equipment
- CNC & Machining Equipment
- Instruments
- Current Sensor Devices
- Regulated Power Supply
- Battery Charger Monitor
- Communication Product
- Robot Power Supply
- Military Equipment

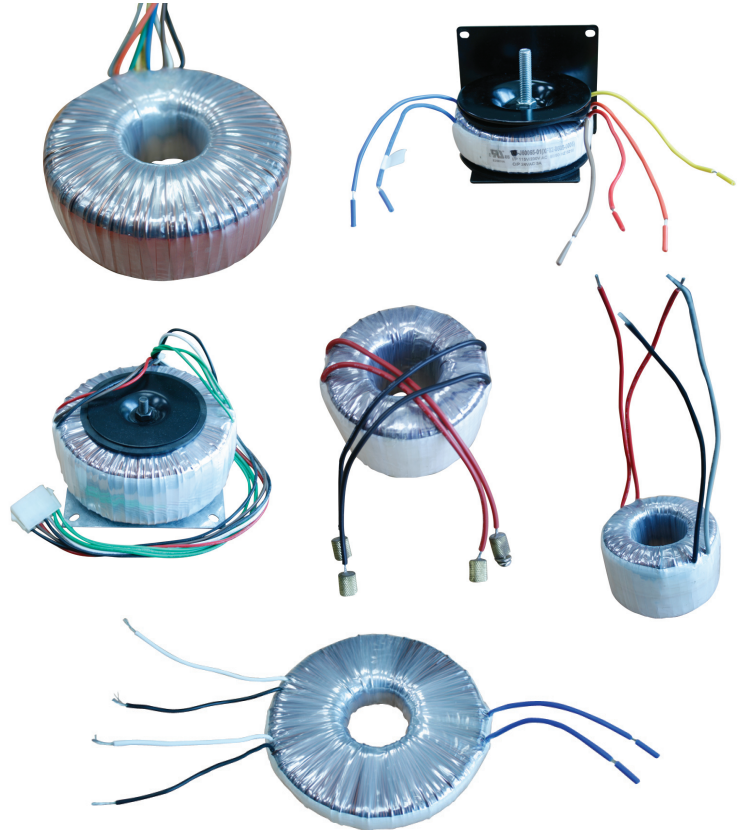


Low Frequency Designs

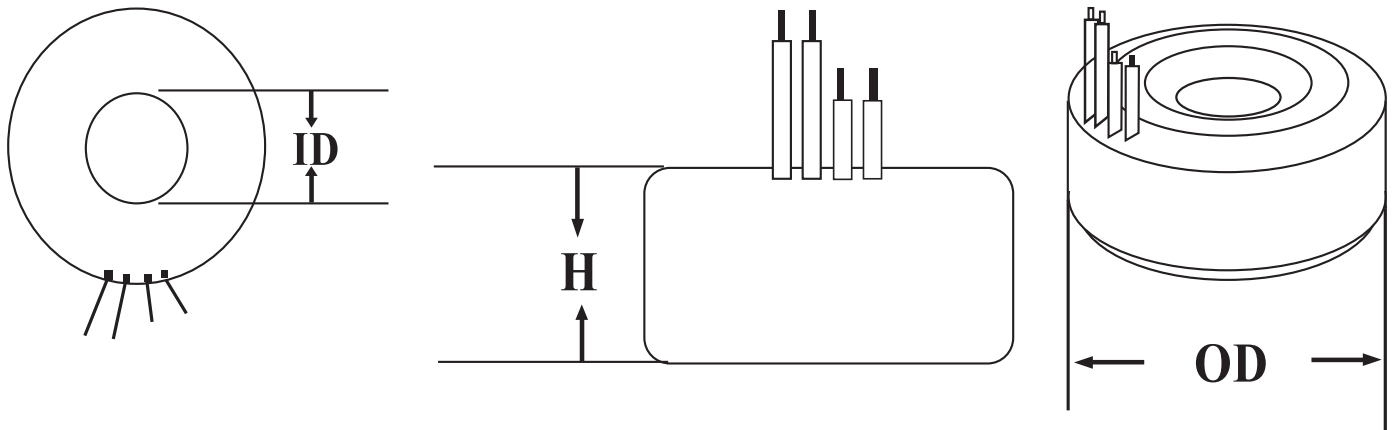
Dimensions of Ferrite Core

unit: mm

WATT	OD	ID	HEIGHT
50	82	50	20
100	82	50	25
150	105	55	25
200	110	57	25
250	100	64	40
300	127	60	25
350	110	60	32
400	127	60	35
450	115	67	50
500	120	63	55
550	114	64	35
600	127	60	45
650	120	64	55
700	117	65	55
750	117	65	60
800	117	63	60
850	120	65	65
900	137	72	45
1000	137	72	50
1100	150	80	55
1200	155	83	60



Dimensions of toroid transformers depends on the winding

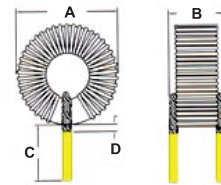




High Frequency Designs

P/N : CORE TYPE/CORE SIZE

MODEL	A (max)	B (max)	C \pm 0.2	D (max)
T-30	13	8	12	2
T-37	15	8	12	2
T-40	16	9	12	2
T-50	18	11	12	2
T-50B	18	13	12	2
T-60	22	11	12	2
T-68	24	11	12	2
T-68A	24	44	12	2
T-80	26	13	12	2
T-80B	26	16	12	2
T-90	29	16	12	2
T-106	33	18	12	2
T-106B	33	21	12	2
T-130	40	18	12	2
T-130B	40	21	12	2





FE Technology Inc.

Ready to serve OEM/ODM Customers throughout the USA. We are the choice of many large and small OEM factories.

EXPERIENCE: 20 years serving the USA market

RESPONSIVE: We can review and respond to your specs, sometimes overnight. We can expedite manufacturing and shipment of your products.

QUALITY: With our highly trained factory staff and local QC and QA, we doubly insure the quality of the product you receive.

SERVICE: In today's market, service distinguishes the supplier who is truly an extension of your Engineering, Purchasing and Production departments. Our goal is to be an integral part of your organization and be considered an "external, but connected, function" of your company.

OTHER PRODUCTS FROM FE TECHNOLOGY

POWER ADAPTERS	AC/DC AC/AC Switching Smart Chargers
POWER SUPPLIES	Desk Top Wall Mount Open Frame
CUSTOM OEM CABLES	Molded Assembled OBD USB 1394
CUSTOM HARNESSES	Built to customer specifications
ANTENNAS	Molded Steel PCB Ceramic
CUSTOM KEYPADS	Rubber Silicone Membrane
TELCO PRODUCTS	Jacks Cords CAT5 CAT6
PCB ASSEMBLY	Design Layout SMT Thru-hole
TURNKEY PRODUCTION	Concept to Large Scale Production

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