



健銘電機科技有限公司
Jian Ming Electrical Technology Co., Ltd.

Focus on Skill · Insist on Quality

Transformer · Coil · Design & Manufacture

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WEBSITE





CATALOG

Contents



About Jian Ming

About Jian Ming
History
Certification



Products

Low Frequency Transformer
High Frequency Transformer
Coils & Inductor
Audio Power & Output

Jian Ming Electrical Technology Co., Ltd. is dedicated to designing and manufacturing High & Low-Frequency Transformers, Inductors and coils since 1985. The safety and quality of our products are always our top two priorities. All of our products can be fully customized to meet our customers' requests.



OUR SERVICE
OUR SERVICE



Materials

- Environmentally friendly
- EU RoHS certified
- High-permeance & low-loss core
- High-quality magnetic wires, electrical leads, and insulation materials
- Excellent performance in heat emission and durability

Safety

- Jian Ming is certified with UL Insulation Class H
- Help customers to obtain UL, CSA, CE, VDE, BSI... certifications

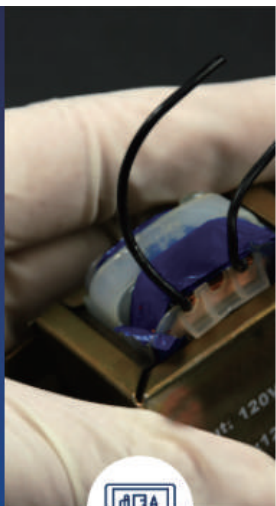


Craftsmanship

- More than 30 years of experience
- Updated with the latest technology
- Precise and exquisite manufacturing skills

Quality

Out-going Quality Control (OQC) meets the ISO2859-1, equivalents to ANSI/ASQC Z1.4-2003, MIL-STD 105E, ISO 2859, NF06-022, BS6001, DIN40080, and GB2828.



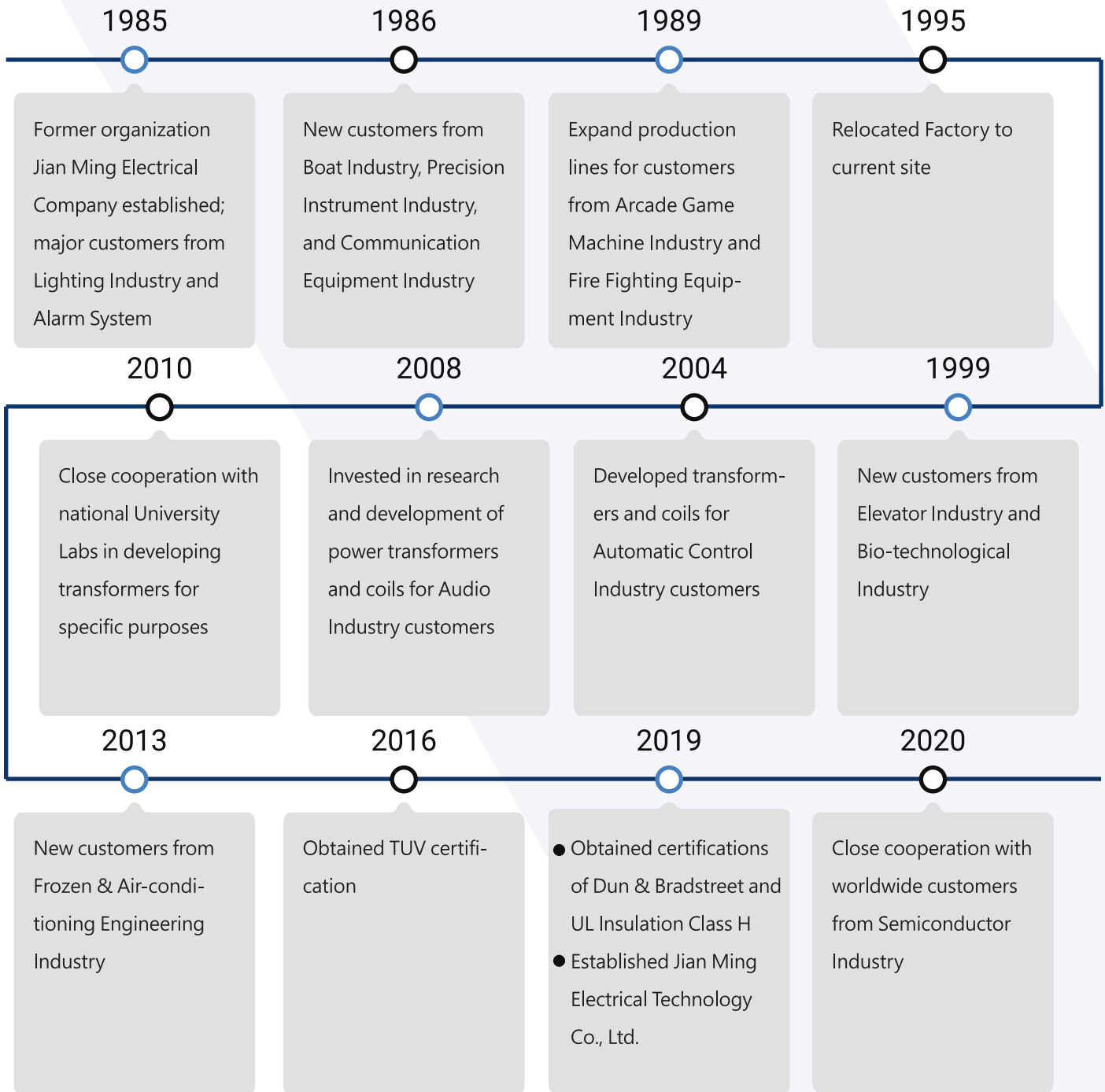
Products

- Customized Power Transformers, Output Transformers, Matching Transformers, Autotransformers, Isolation Transformers, Step-up Transformers, Step-down Transformers, Charging Transformers, Inductors, and Coils.



HISTORY

HISTORY



CERTIFICATION

CERTIFICATION



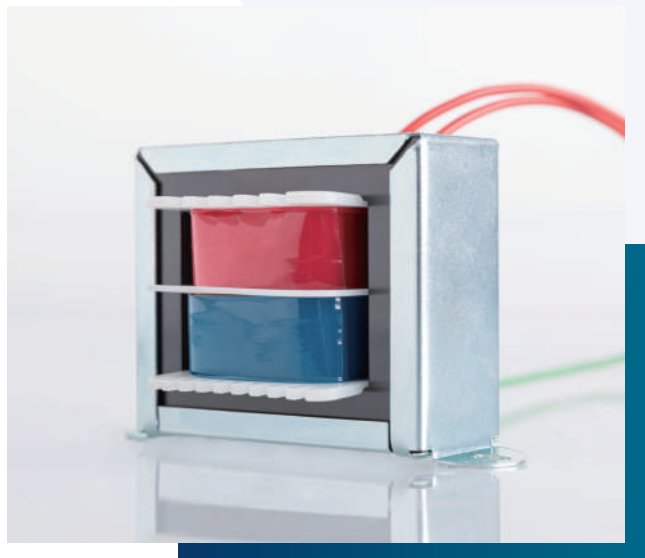


Low Frequency Transformer

- Under 25VA
- 25VA~500VA
- 500VA~2kVA
- Above 2kVA

Low Frequency Transformer

—○ Under 25VA



Product Description

- The 0.35~0.5mm thick and high-induction silicon steel laminations, which are manufactured by Taiwan or Japan, are adopted to efficiently reduce the iron loss.
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan's leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan).
- Customized products; easy for installation.
- Cooperate with customers to develop new products for special functions.
- Consultations of worldwide safety regulations are available as well as full supports to pass the certifications.

Applicable industry

Automatic Control Systems, Power Supply Systems, Industrial Machinery Equipment, Medical Equipment, Electronic Equipment, Precision Instruments, Fire Fighting Equipment, Arcade Game Machines, Communication Equipment, Household Appliances, Semiconductor Equipment, Vacuum Packing Machine

Specifications

Phase	Single Phase
Capacity	Under 25VA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C)
	CE : IEC/EN61558 or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard / EI Multi-Section / EI Multi-Section with Cover
Core Type	JFE 35JG155 (Z11)
	JFE Silicon Steel Sheet
	China Steel Corporation Silicon Steel Sheet
Outlook	Terminals (Pins) / Iron Frame / Iron Frame with End-Bell Cover / Potting Box
Lead Wire Type	Terminals (Pins) / Terminals (Soldering Lug) / Ordinary Lead Wire / Lead Wire with Tube and Y terminal
Dimension	EI-19~EI-66

Low Frequency Transformer

—○ 25VA~500VA



Product Description

- The 0.35~0.5mm thick and high-induction silicon steel laminations, which are manufactured by Taiwan or Japan, are adopted to efficiently reduce the iron loss.
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan's leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan).
- Customized products; easy for installation.
- Cooperate with customers to develop new products for special functions.
- Consultations of worldwide safety regulations are available as well as full supports to pass the certifications.

Applicable industry

Automatic Control Systems, Power Supply Systems, Industrial Machinery Equipment, Medical Equipment, Electronic Equipment, Precision Instruments, Marine Equipment, Fire Fighting Equipment, Elevator Equipment, Arcade Game Machines, Communication Equipment, Household Appliances, Semiconductor Equipment, Vacuum Packing Machines

Specifications

Phase	Single Phase
Capacity	25VA~500VA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C)
	CE : IEC/EN61558 or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard / EI Multi-Section / EI Multi-Section with Cover
Core Type	JFE 35JG155 (Z11)
	JFE Silicon Steel Sheet China Steel Corporation Silicon Steel Sheet
Outlook	Iron Frame / Iron Frame with End-Bell Cover / End-Bell Cover / L Shaped Bracket /
	Terminal Block - Japanese Type / Terminal Block - CE Type / Terminal Block - UL Type / Potting Box
Lead Wire Type	Terminals (Soldering Lug)/Ordinary Lead Wire/Lead Wire with Tube and Y terminal/Lead Wire with Tube and R terminal
	Terminal Block - Japanese Type / Terminal Block - CE Type / Terminal Block - UL Type / Potting Box
Dimension	EI-66~EI-133

Low Frequency Transformer

—○ 500VA~2KVA



Product Description

- The 0.35~0.5mm thick and high-induction silicon steel laminations, which are manufactured by Taiwan or Japan, are adopted to efficiently reduce the iron loss.
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan's leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan).
- Customized products; easy for installation.
- Cooperate with customers to develop new products for special functions.
- Consultations of worldwide safety regulations are available as well as full supports to pass the certifications.

Applicable industry

Automatic Control Systems, Power Supply Systems, Industrial Machinery Equipment, Medical Equipment, Electronic Equipment, Precision Instruments, Marine Equipment, Fire Fighting Equipment, Elevator Equipment, Arcade Game Machines, Communication Equipment, Household Appliances, Semiconductor Equipment

Specifications

Phase	Single Phase
Capacity	500VA~2KVA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C)
	CE : IEC/EN61558
	or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard
Core Type	JFE 35JG155 (Z11)
	JFE Silicon Steel Sheet
	China Steel Corporation Silicon Steel Sheet
Outlook	End-Bell Cover / L Shaped Bracket / Terminal Block - Japanese Type / Terminal Block - CE Type / Terminal Block - UL Type
Lead Wire Type	Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal
	Temperature Resistance Lead Wire with Tube and R terminal
Dimension	EI-133~EI-190

Low Frequency Transformer

—○ Above 2KVA



Product Description

- The 0.35~0.5mm thick and high-induction silicon steel laminations, which are manufactured by Taiwan or Japan, are adopted to efficiently reduce the iron loss.
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan's leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan).
- Customized products; easy for installation.
- Cooperate with customers to develop new products for special functions.
- Consultations of worldwide safety regulations are available as well as full supports to pass the certifications.

Applicable industry

Automatic Control Systems, Power Supply Systems, Industrial Machinery Equipment, Medical Equipment, Precision Instruments, Marine Equipment, Elevator Equipment, Household Appliances, Semiconductor Equipment

Specifications

Phase	Single Phase
Capacity	Above 2KVA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) CE : IEC/EN61558 or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard
Core Type	JFE 35JG155 (Z11) JFE Silicon Steel Sheet China Steel Corporation Silicon Steel Sheet
Outlook	L Shaped Bracket / Terminal Block - Japanese Type / Terminal Block - CE Type
Lead Wire Type	Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal / Temperature Resistance Lead Wire with Tube and R terminal / Terminal Block - Japanese Type / Terminal Block - CE Type
Dimension	EI-190~EI-228



High Frequency Transformer

- EI / EE

High Frequency Transformer

—○ EI/EE型



Product Description

- Ferrite cores, imported from Japan, are high quality and low iron loss.
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan's leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan).
- Customized products. Size and pin pitches meet your requirements.
- Cooperate with customers to develop new products for special functions.
- Consultations of worldwide safety regulations are available as well as full supports to pass any certifications.

Applicable industry

Automatic Control Systems, Power Supply Systems, Industrial Machinery Equipment, Medical Equipment, Electronic Equipment, Precision Instruments, Communication Equipment, Household Appliances, Semiconductor Equipment

Specifications

Capacity	Under 1KVA
Frequency	10KHz~1MHz
Applicable safety regulation	UL : Insulation Class A (105°C) · B (130°C) · H (180°C) or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI/EE
Core Type	JFE Ferrite Cores
Outlook	Terminals (Pins)
Lead Wire Type	Terminals (Pins)
Dimension	EI-16~EI-60 EE-8.3~EE-65



Coil & Inductor

- Inductor
- Air Coi

Coil & Inductor

—○ Inductor



Product Description

- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the rise of temperatures, high-quality winding, strict manufacturing processes are adopted.
- Both magnet core and air coil are available.
- Safety and quality are our top two priorities. The value of inductance is stable.
- 100% MIT (Made in Taiwan).
- Customized products are available.
- Cooperate with customers to develop new products for special functions.

Applicable industry

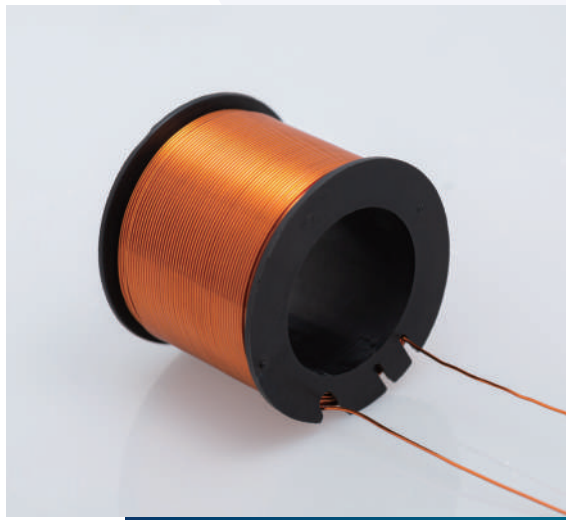
Automatic Control Systems, Electronic Equipment, Precision Instruments, Arcade Game Machines, Hi-End & Hi-Fi Audio Industry, Communication Equipment, Household Appliances, Semiconductor Equipment

Specifications

Inductance	Customization
Frequency	Under 50MHz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) or others
Bobbin Type	EI / Terminals (Pins) / Customization
Core Type	JFE Ferrite Cores / Iron Dust Cores / JFE 35JG155 (Z11) / JFE Silicon Steel Sheet/ China Steel Corporation Silicon Steel Sheet
Outlook	EI Type / Terminals (Pins)
Lead Wire Type	Magnet Wire / Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal
Dimension	Customization

Coil & Inductor

—○ Air Coil



Product Description

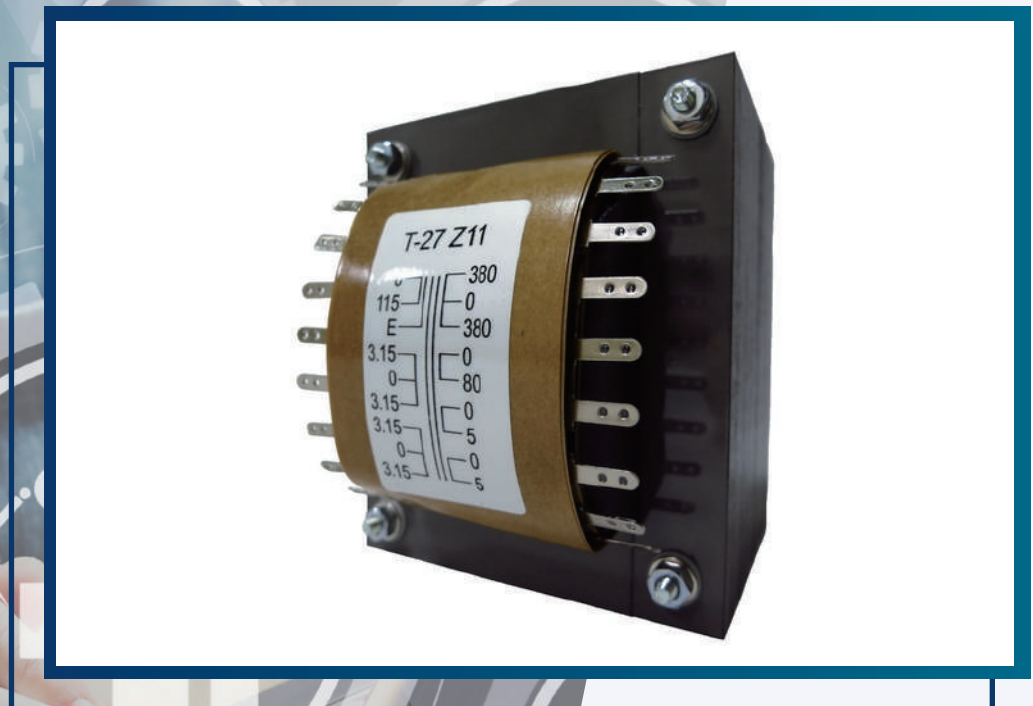
- All coils, which quality is guaranteed by UL certification, are manufactured by Taiwan leading magnet wire companies.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the rise of temperatures, high-quality winding, strict manufacturing processes are adopted.
- Both magnet core and air coil are available.
- Safety and quality are our top two priorities. The value of inductance is stable.
- 100% MIT (Made in Taiwan).
- Customized products are available.
- Cooperate with customers to develop new products for special

Applicable industry

Automatic Control Systems, Electronic Equipment, Precision Instruments, Arcade Game Machines, Hi-End & Hi-Fi Audio Industry, Communication Equipment, Household Appliances, Semiconductor Equipment

Specifications

Inductance	Customization
Frequency	Under 50MHz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) or others
Bobbin Type	Cylinder Type / EI Type / Customization
Outlook	Cylinder Type (White) / Cylinder Type (Black) / Cylinder Type (Transparent) / EI Type
Lead Wire Type	Magnet Wire
Dimension	Customization

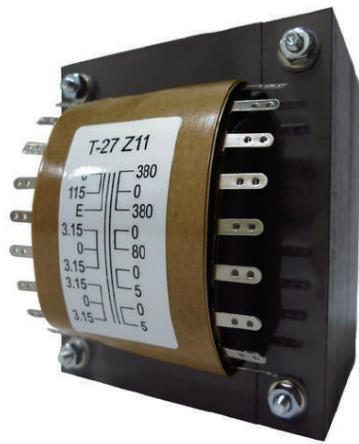


Hi-End & Hi-Fi Audio Transformer

- Audio Power Transformer
- Push-Pull Output Transformer
- Single-Ended Output Transformer

Hi-End & Hi-Fi Audio Transformer

—○ Audio Power Transformer



Product Description

- The Z11 silicon steel sheet, imported from Japan, is 0.35mm thick, high-induction and grain-oriented, is adopted to efficiently reduce the iron loss and to ensure pure power source.
- All coils are manufactured by Taiwan leading magnet wire companies. The thicker diameter magnet wires are high conductance, low copper loss and used to control temperature efficiently.
- All materials are RoHS compliant and environmentally friendly.
- To reduce the noise and the rise of temperatures, high-quality winding, strict manufacturing processes, and the adoption of world leading varnish are indispensable.
- Safety and quality are our top two priorities. The capacity listed equals to the specifications shown.
- 100% MIT (Made in Taiwan); Customization are available.
- Jian Ming has a wealth of experience having developed over a dozen audio power transformers for Hi-End & HiFi audio companies in Taiwan. We are happy to brainstorm potential ideas or concepts for new products.

Applicable industry

Hi-End & Hi-Fi Audio Industry

Specifications

Phase	Single Phase
Capacity	3VA~2KVA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) CE : IEC/EN61558 or others
Coil Type	Isolation Transformer
Bobbin Type	EI Standard
Core Type	JFE 35JG155 (Z11)
Outlook	Iron Frame / Iron Frame with End-Bell Cover / End-Bell Cover / Potting Box
Lead Wire Type	Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal / Potting Box
Dimension	EI-19~EI-190

Hi-End & Hi-Fi Audio Transformer

—○ Push-Pull Output Transformer



Product Description

- The Z11 silicon steel sheet, imported from Japan, is 0.35mm thick, high-induction and grain-oriented, is adopted to efficiently reduce the iron loss and to ensure the quality of sound range from high to low.
- Special winding technique can eliminate the inductance loss of primary windings, reduce total harmonic distortion and the phase shift between High & low frequency. Particularly recommended for the output of vacuum tube amplifiers.
- All coils are manufactured by Taiwan leading magnet wire companies. The thicker diameter magnet wires are high conductance, low copper loss and used to control temperature efficiently.
- Proper insulation configuration helps to decline interlayer capacitance and balance the acoustics around a wide range.
- Precise impedance statement, lower heating value, no "hum" sounds.
- 100% MIT (Made in Taiwan); Customization are available.
- Jian Ming has a wealth of experience having developed dozens of vacuum tube amplifiers for Hi-End & HiFi audio companies in Taiwan. We are happy to brainstorm potential ideas or concepts for new products.

Applicable industry

Hi-End & Hi-Fi Audio Industry

Specifications

Phase	Single Phase
Capacity	3VA~2KVA
Frequency	50/60 Hz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) CE : IEC/EN61558 or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard
Core Type	JFE 35JG155 (Z11)
Outlook	Iron Frame / Iron Frame with End-Bell Cover / End-Bell Cover / Potting Box
Lead Wire Type	Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal / Potting Box
Dimension	EI-19~EI-190

Hi-End & Hi-Fi Audio Transformer

—○ Single-Ended Output Transformer

Product Description



- The Z11 silicon steel sheet, imported from Japan, is 0.35mm thick, high-induction and grain-oriented, is adopted to efficiently reduce the iron loss and to ensure the quality of sound range from high to low.
- Special winding technique and air gap configuration can eliminate the inductance loss of primary windings, reduce total harmonic distortion and the phase shift between High & low frequency. Particularly recommended for the output of vacuum tube amplifiers.
- All coils are manufactured by Taiwan leading magnet wire companies. The thicker diameter magnet wires are high conductance, low copper loss and used to control temperature efficiently.
- Proper insulation configuration helps to decline interlayer capacitance and balance the acoustics around a wide range.
- Precise impedance statement, lower heating value, no "hum" sounds.
- 100% MIT (Made in Taiwan); Customization are available.
- Jian Ming has a wealth of experience having developed dozens of vacuum tube amplifiers for Hi-End & HiFi audio companies in Taiwan. We are happy to brainstorm potential ideas or concepts for new products.

Applicable industry

Hi-End & Hi-Fi Audio Industry

Specifications

Phase	Single Phase
Capacity	3VA~2KVA
Frequency	20Hz~30KHz
Applicable safety regulation	UL : Insulation Class A (105°C) 、 B (130°C) 、 H (180°C) CE : IEC/EN61558 or others
Coil Type	Isolation Transformer / Auto Transformer
Bobbin Type	EI Standard
Core Type	JFE 35JG155 (Z11)
Outlook	Iron Frame / Iron Frame with End-Bell Cover / End-Bell Cover / Potting Box
Lead Wire Type	Ordinary Lead Wire / Lead Wire with Tube and Y terminal / Lead Wire with Tube and R terminal / Potting Box
Dimension	EI-19~EI-190

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