

ONSUNE
technology

ONSUNE TECHNOLOGY LTD

global. reliable.

Founded in 1998, ONSUNE Technology Ltd. specializes in magnetic components manufacturing custom transformers, inductors, choke coil, toroid choke for car amplifier, and switching power supply.

Serving tens of customers across the United States, Germany, Italy, England, Ukraine, Norway, Mexico, etc. Our company boasts a competent workforce of more than hundred employees. Our skilled employees can count on top-of-the-line high-tech machinery, housed within our 20,000 m² facility, to craft custom-made products to fully meet your requirements.

Our goal is simple:

Your complete satisfaction, quality parts, delivery, fair price...

Customer satisfaction is the keystone of our company philosophy. The attainment of this goal has always been conditional upon our unfailing commitment to quality. This, coupled with our expertise in designing to customers' specifications and our result-oriented management system, has made ONSUNE Technology Ltd. What it is today. Our qualified engineering department is ready to assist you in any way it can; This is one of the many reasons our customers choose to do business with us.

Given its state-of-the-art production and test equipment, including computer-assisted design and simulation. Whatever your needs regarding quality or quantities or whether exceptional, we engineer them all design to completed product. We are dedicated to the highest level of Service and Quality at Competitive prices.

Take the ONSUNE Challenge and call us with your requirement today.
ONSUNE eventually . . . why not now?



Facility

Production Area



Winding Equipment



Production Area



Taping Machine



Warehouse

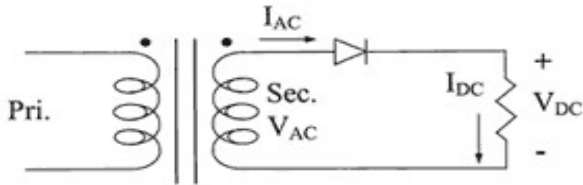
POWER TRANSFORMER GUIDE

HOW TO SPECIFY THE TRANSFORMER

HOW TO DETERMINE THE RIGHT SIZE OF TRANSFORMER WHEN USED WITH A RECTIFIER CIRCUIT?

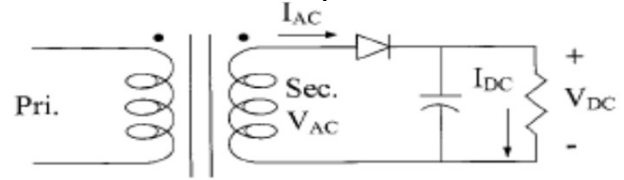
HALF WAVE

Resistive Load



HALF WAVE

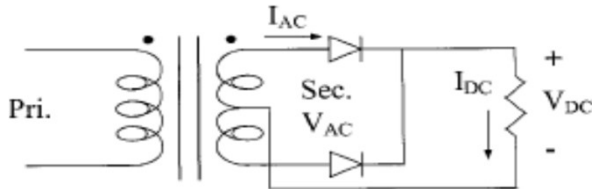
Capacitive Load



Since a capacitor input filter only draws current from the rectification circuit in short pulses, the frequency of the pulses is half that of a full-wave circuit, therefore the peak current of those pulses is so high that this circuit would not be recommended for DC power more than 1/2 watt.

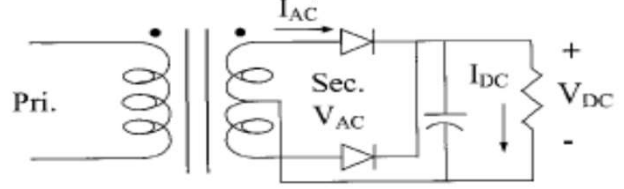
FULL WAVE CENTER

Resistive Load



FULL WAVE CENTER

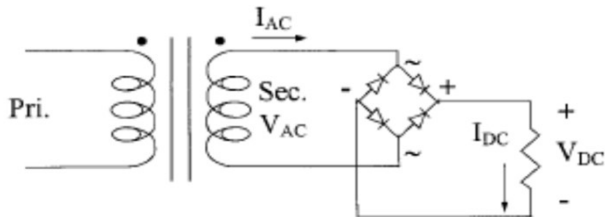
Capacitive Load



A full-wave rectifier uses only one-half of the transformer winding at a time. The transformer secondary rated current should be 1.2 times the DC current of the power supply. The transformer secondary voltage should be approximately .8 times the DC voltage of the unregulated power supply per side of the center tap or the transformer should be 1.6 times VDC center tapped.

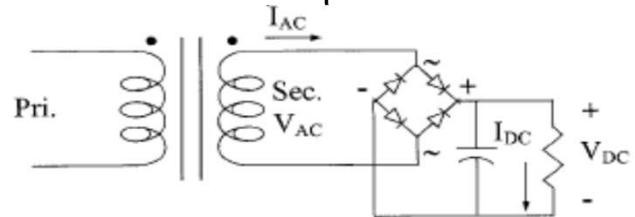
FULL WAVE BRIDGE

Resistive Load



FULL WAVE BRIDGE

Capacitive Load



The full-wave bridge rectification circuit is the most cost effective because it requires a lower VA rated transformer than a full-wave rectifier. In a full-wave bridge, the entire transformer secondary is used on each half cycle, unlike the full-wave center tapped which only uses one-half the secondary on each half cycle. The transformer secondary rated current should be 1.8 times the DC current of the power supply. The transformer secondary voltage should be approximately .8 times the DC voltage of the unregulated power supply.

HOW TO SPECIFY THE TRANSFORMER

The use of a regulated linear power supply is to provide a constant output voltage over a variety of loads and also a variation of the input voltage. All of our calculations to determine the correct transformer will assume that the input voltage can vary from 95 to 130V and not change the output of our supply.

The formula used to determine the AC voltage required from the transformer is as follows

$$V_{ac} = \frac{V_{dc} + V_{reg} + V_{rec} + V_{rip}}{.9} \times \frac{V_{nom}}{V_{lowline}} \times \frac{1}{\sqrt{2}}$$

V_{dc}= Output voltage

V_{reg}=Voltage drop of the regulator =3v

V_{rec}=Voltage drop across diodes=1.25V

V_{rip}=Ripple voltage=10% of V_{dc}

V_{nom}=115V

V_{lowline}=95V

.9=Rectifier efficiency

We have summarized all of the calculations for three basic rectification circuits in the table below:

Rectification Circuit	RM SVOLTAGE (VOLTS)	RMS CURRENT (AMPS)
Full-Wave Center Tap	V _{ac} C.T. = 2.092 x V _{dc} + 8.08	I _{ac} =I _{dc} x 1.2
Full-Wave Bridge	V _{ac} =1.046 x V _{DC} +4.04	I _{ac} =I _{DC} x 1.8
Dual Complementary	V _{ac} CT= 2.092 X V _{DC} =8.08	I _{ac} =I _{DC} x 1.8

There are low loss regulators which have .5V drop instead of 3V but they are not being considered at this time because of availability.

EXAMPLES:

#1: A regulated linear power supply is needed for 5VDC at 1 ADC with a primary of either 115V or 230V and you do not know whether it should be full-wave center tapped or a full-wave bridge.

Full-Wave Center Tap

V _{ac} C.T.=2.092 x V _{dc} + 8.08	I _{ac} = I _{dc} x 1.2
V _{ac} C.T.= 2.092 x 5 + 8.08	I _{ac} + 1 x 1.2
V _{ac} C.T. = 18.54 C.T.	I _{ac} = 1.2
VA = 18.54 x 1.2 = 22.5	

POWER TRANSFORMER GUIDE

HOW TO SPECIFY THE TRANSFORMER

Full-Wave

$V_{ac} = 1.046 \times V_{dc} + 5.23$	$I_{ac} = I_{dc} \times 1.8$
$V_{ac} = 1.046 \times V_{dc} + 5.23$	$I_{ac} = 1 \times 1.8$
$V_{ac} = 10.46$	$I_{ac} = 1.8$
$VA = 10.46 \times 1.8 = 18.83$	

Let us now look at how the regulator will dissipate heat in worse case conditions high line(=130V) and full load. The regulator dissipates the excess power in the form of heat.

A regulator has only a maximum amount of power it can dissipate before the internal thermal protection shuts it down. If a 5VDC, 1AMP power supply can operate at 95V RMS, the regulator will have to dissipate 5.95 watts at full load high line (see calculation below).

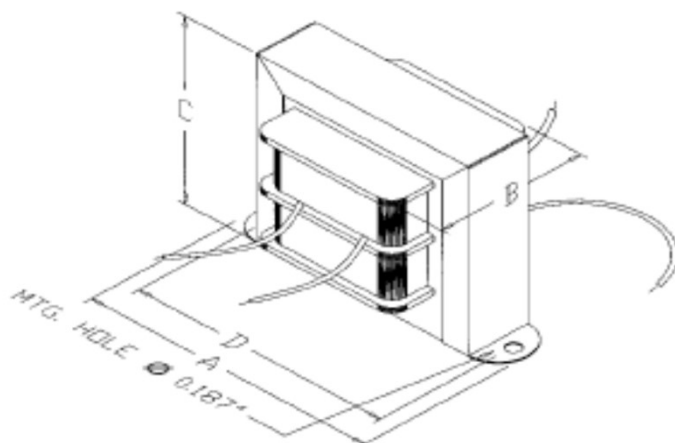
Regular dissipated heat:

$$\begin{aligned}
 \text{Watts} &= I_{dc} \left(\frac{V_{hiline}}{V_{lowline}} (V_{dc} + V_{reg}) - V_{reg} \right) = \\
 &= 1 \left(\frac{130}{95} (5 + 3) - 5 \right) \\
 &= 1 (10.95 - 5) \\
 &= 5.95 \text{ watts}
 \end{aligned}$$

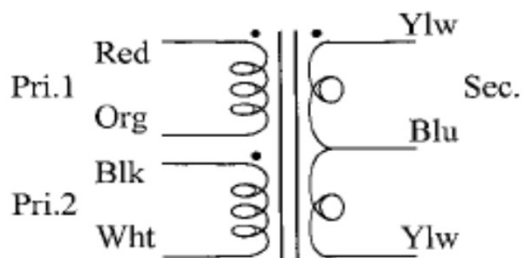
OPEN STYLE-CHANNEL MOUNTING

CHARACTERS

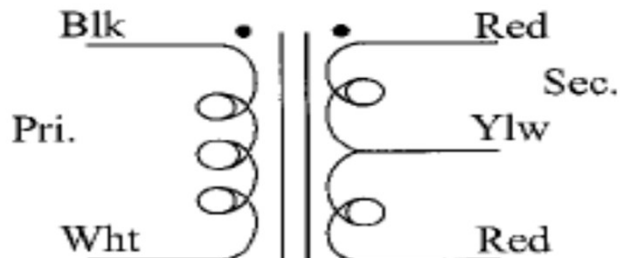
- Split bobbin design on most models
- Single or dual primary voltages
- Lead wire
- Center tapped to secondary winding
- Other primary and secondary voltages available
- Vertical mounting available
- VA size model available from 3 to 70VA
- Fully Customizable To User Design.
- Meets RoHS Requirements



Dual primary 115/230V 50/60Hz



Single primary 115V 60Hz



LOW VOLTAGE TRANSFORMERS

L MOUNTING-QUICK CONNECT/SOLDER LUG

CHARACTERS

Split bobbin design

Combination-Solder or Quick connect Terminal

Single or dual primary voltages

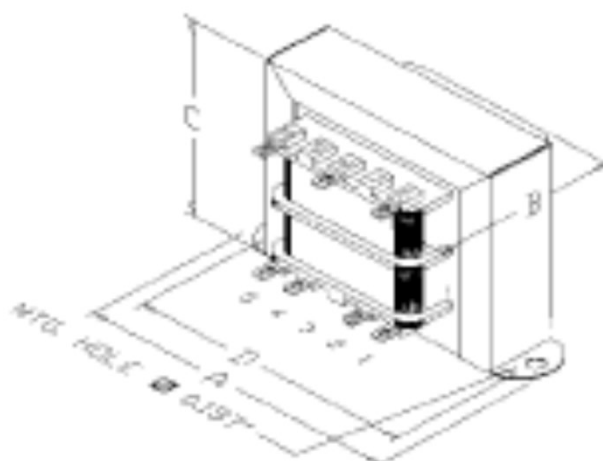
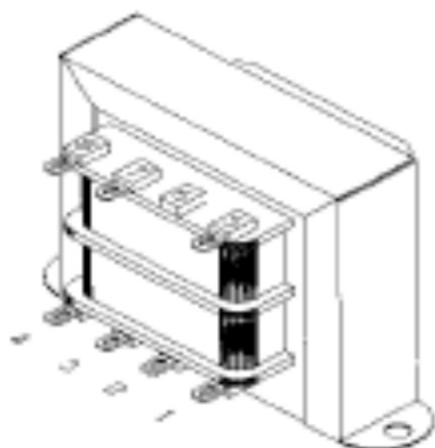
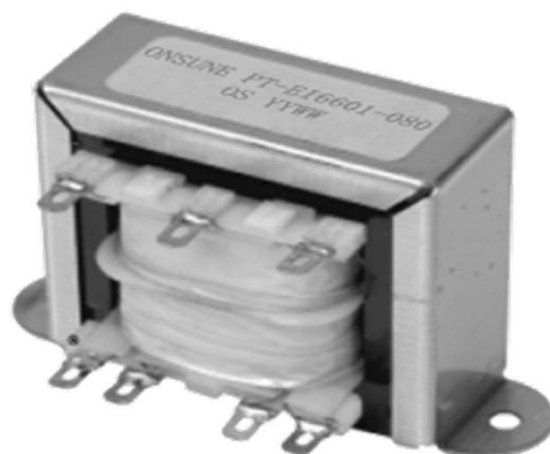
Center tapped to secondary winding

Other primary and secondary voltages available.

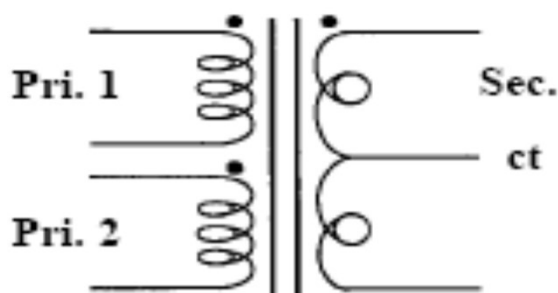
VA size models available from 2.4 to 100VA

Fully Customizable To User Design.

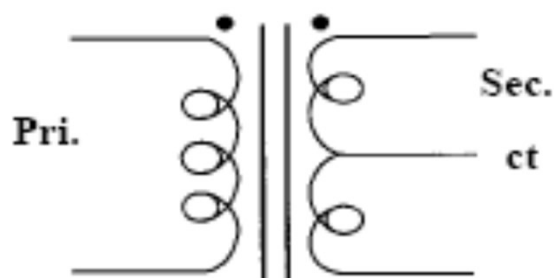
Meets RoHS Requirements



Dual primary 115/230V 50/60Hz



Single primary 115V 50/60Hz



OPEN STYLE

CHARACTERS

Single or dual primary voltage

Lead wire

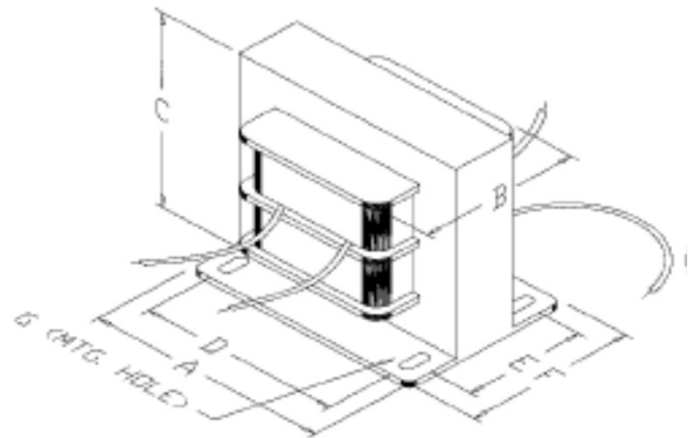
Center tapped to secondary winding

Other primary and secondary voltage available

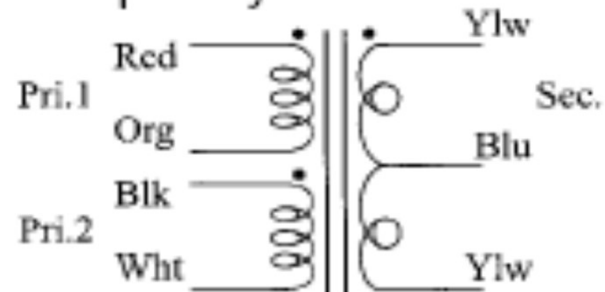
VA size models available from 50VA to 1KVA

Fully Customizable To User Design.

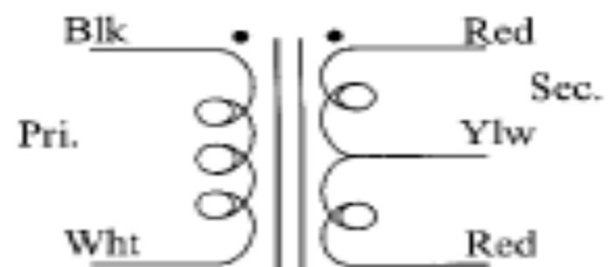
Meets RoHS Requirements



Dual primary 115/230V 50/60Hz



Single primary 115V 60Hz



LOW VOLTAGE TRANSFORMERS

HORIZONTAL PC. MOUNTING

CHARACTERS

Horizontal mounting, PC board layout

Split bobbin design

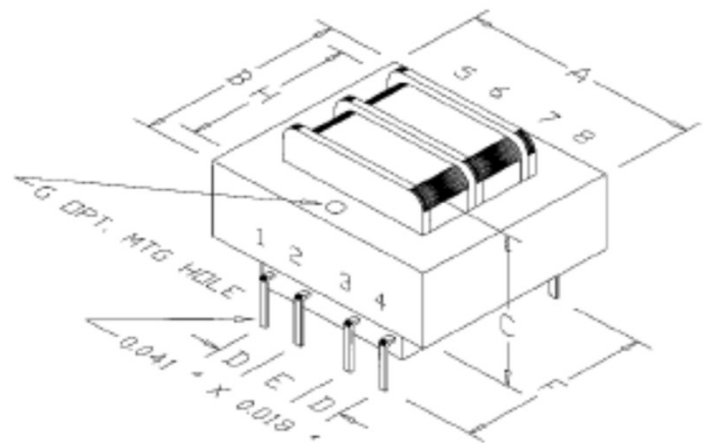
Single or dual primary voltages

Other primary and secondary voltages available.

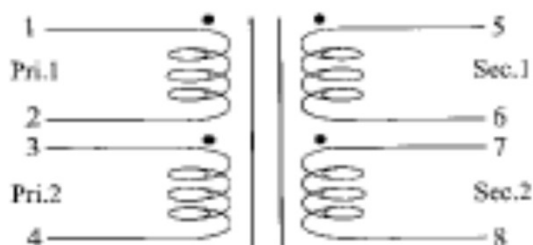
VA size models available from 1.1 to 36VA.

Fully Customizable To User Design.

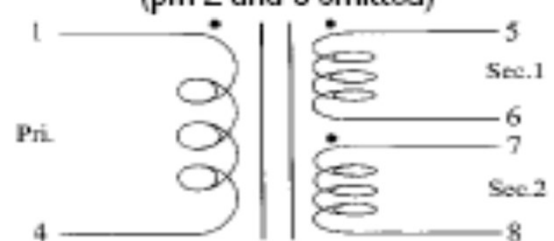
Meets RoHS Requirements



Dual primary
115/230V 50/60Hz



Single primary
115V 50/60Hz
(pin 2 and 3 omitted)



HORIZONTAL PC. MOUNTING

CHARACTERS

Horizontal mounting, PC board layout

Split bobbin with top shroud design

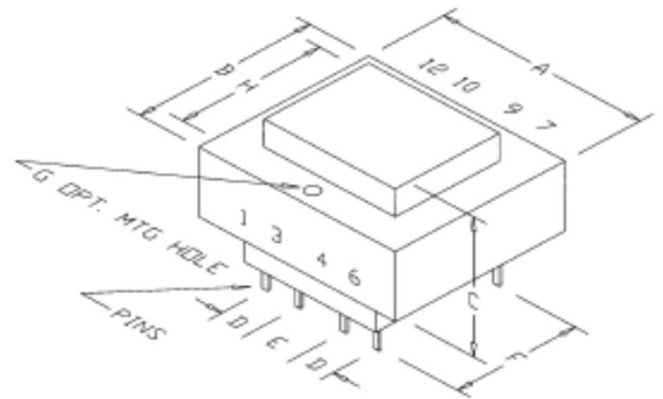
Single or dual primary voltages

Other primary and secondary voltages available.

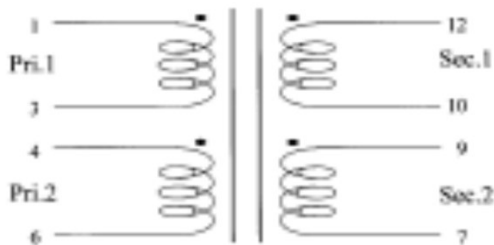
VA size moedels available from 2.5 to 56VA

Fully Customizable To User Design.

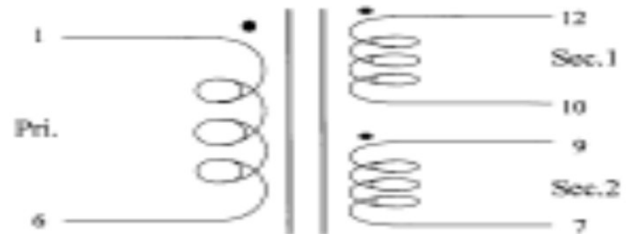
Meets RoHS Requirements



Dual primary
115/230V 50/60Hz



Single primary
115V 50/60Hz
(pin 3 and 4 omitted)



LOW VOLTAGE TRANSFORMERS

HORIZONTAL PC. MOUNTING

CHARACTERS

PC board layout

Split bobbin design

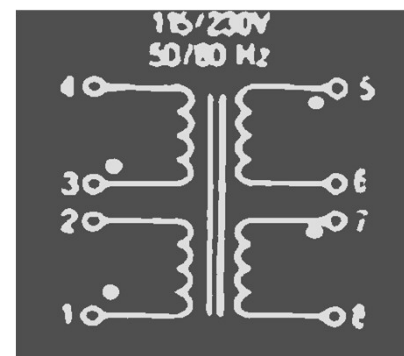
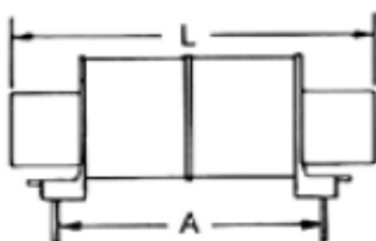
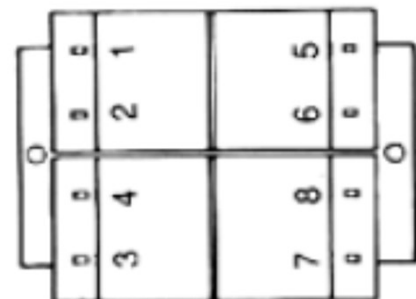
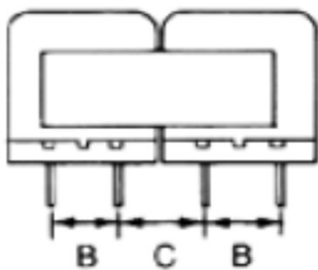
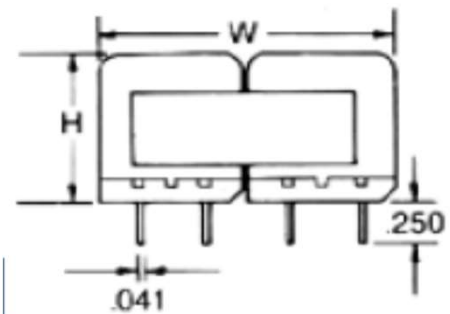
Dual primary voltages

Other primary and secondary voltages available.

VA size models available from 2 to 40VA

Fully Customizable To User Design.

Meets RoHS Requirements



VERTICAL PC. MOUNTING

CHARACTERS

Vertical mounting PC board layout

Split bobbine design on most models

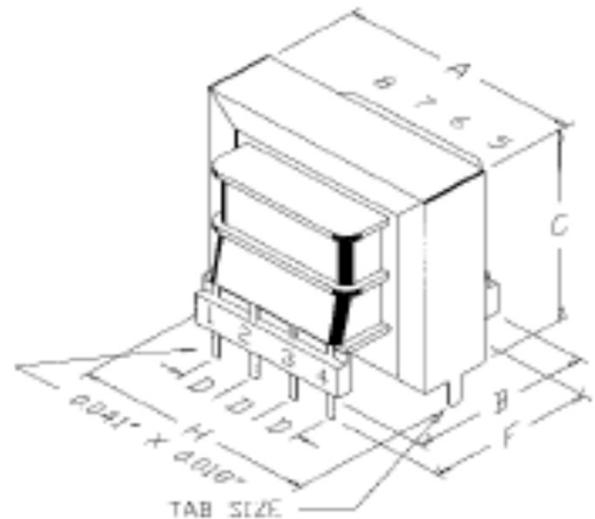
Single or dual primary voltages

Other primary and secondary voltages available.

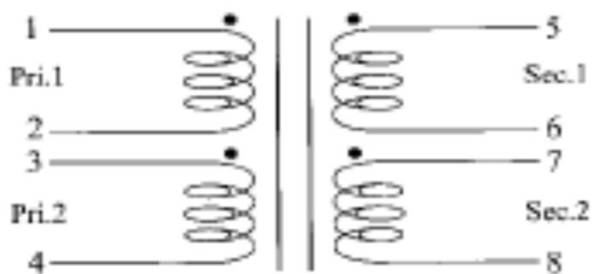
VA size moedels available from 0.5 to 20VA

Fully Customizable To User Design.

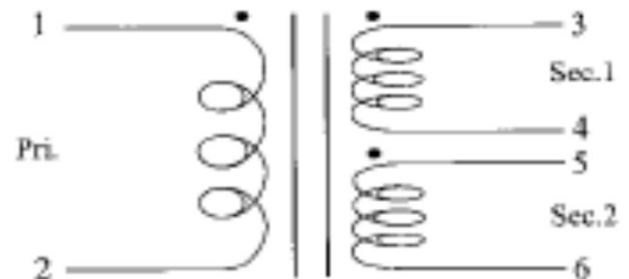
Meets RoHS Requirements



Dual primary 115/230V 50/60Hz



Single primary 115V 60Hz



ENCAPSULATED TRANSFORMERS

HORIZONTAL PC ENCAPSULATED TRANSFORMERS

CHARACTERS

PC board layout

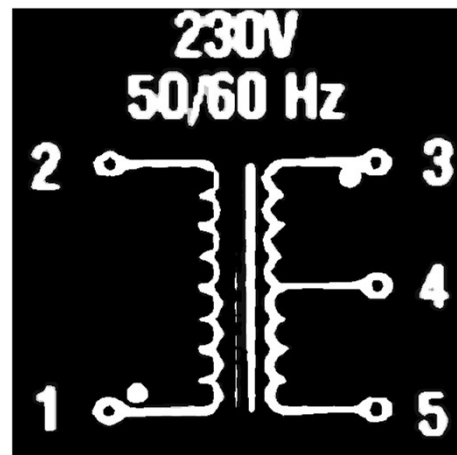
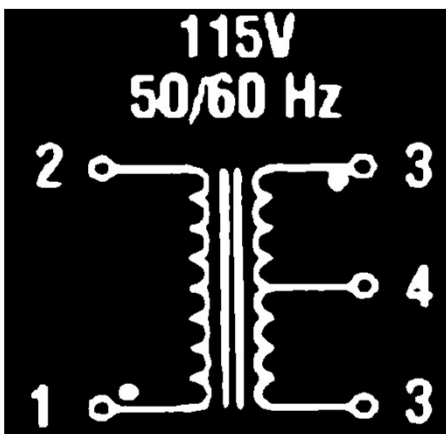
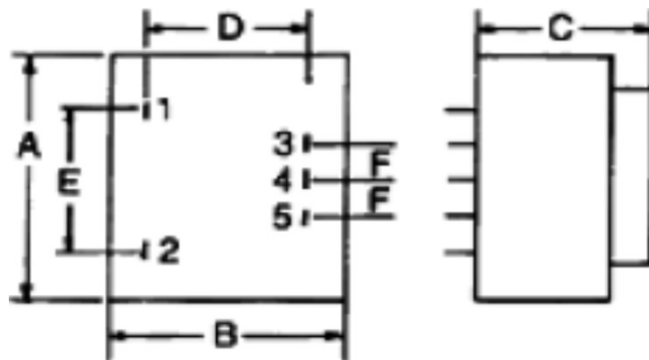
Split bobbin design

Dual primary voltages

VA size models available from 2 to 40VA

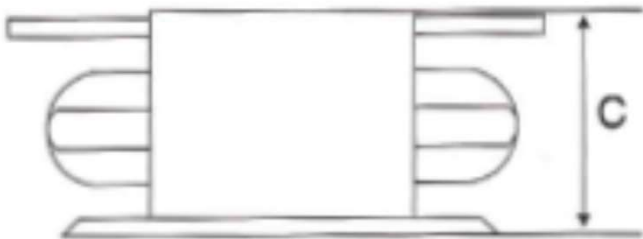
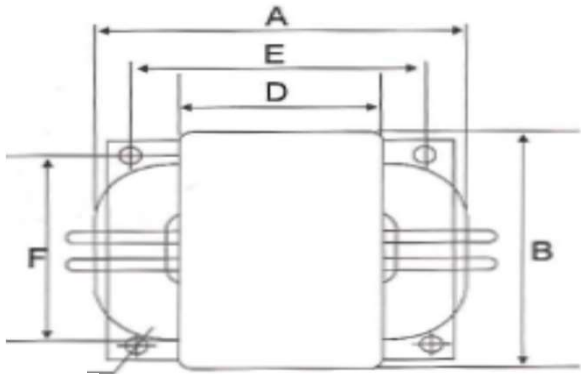
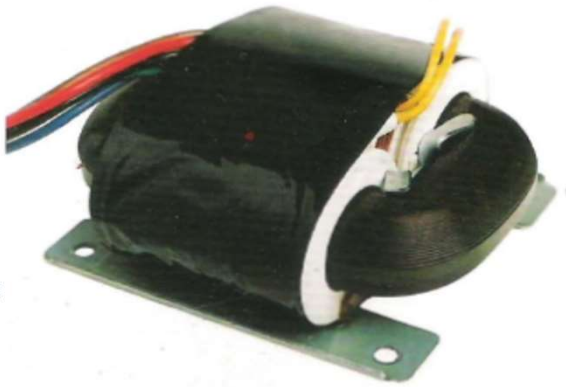
Fully Customizable To User Design.

Meets RoHS Requirements



CHARACTERS

- Small, thin and light
- Minimal leakage flux and exciting current.
- High efficiency, low heat generation and low core loss
- Excellent equilibration and no noise
- Fully Customizable To User Design.
- Meets RoHS Requirements



							UNIT: mm
R-NO.	VA	A	B	C	D	E	F
R5	3-6	59	50	27	35	45	35
R8	6-10	69	60	35	38	53	44
R8P	6-10	69	60	33	38	55	50
R10	8-15	75	63	37	42	55	45
R20	15-28	80	70	39	44	70	55
R26	25-35	83	72	42	45	70	55
R30	30-45	95	76	42	56	70	60
R35	45-60	97	79	46	57	70	60
R40	35-55	97	81	44	54	70	60
R50	50-65	98	88	48	54	75	65
R65	65-90	105	90	51	58	90	60
R80	70-100	122	91	52	75	90	70
R100	90-130	124	103	55	72	100	80
R160	150-200	136	112	63	82	100	85
R260	200-300	149	119	66	90	130	95
R320	300-380	159	130	70	97	135	100

CHOKES

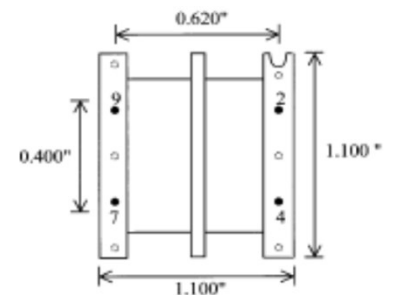
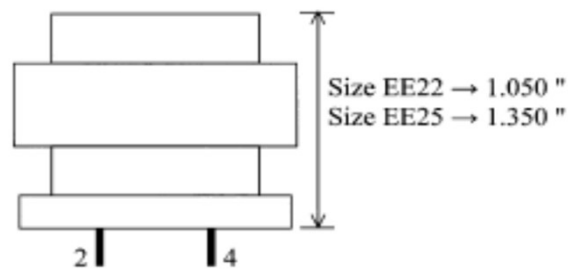
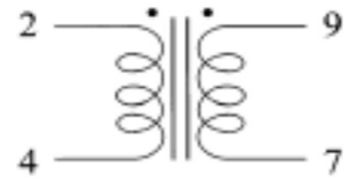
TOROIDAL CHOKES & COMMON MODE CHOKES

CHARACTERS

Toroidal or EE teype.

Fully Customizable To User Design.

Meets RoHS Requirements



Bottom view
Size EE22 & EE25



CHOKES

TOROID CHOKE FOR CAR AMPLIFIER

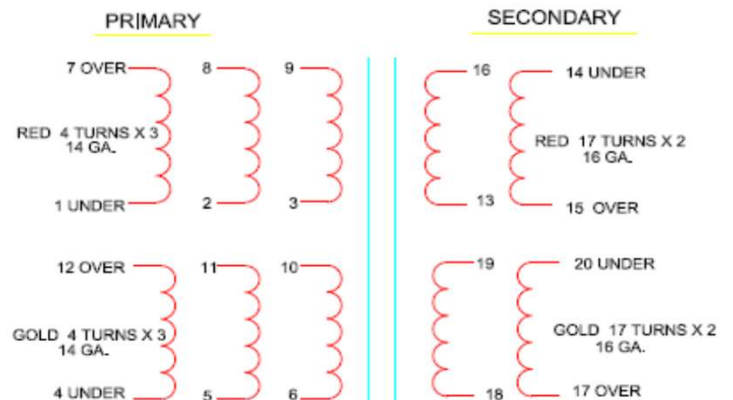
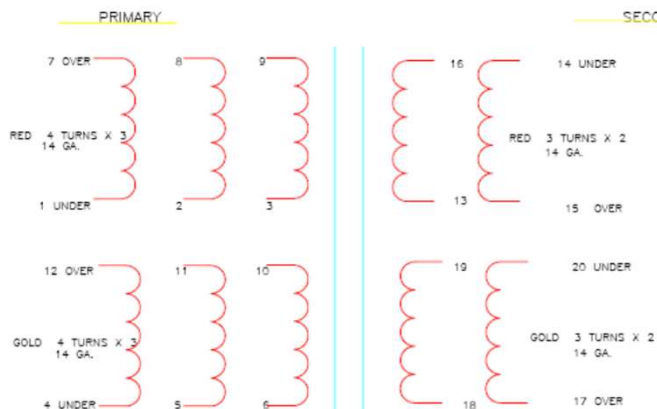
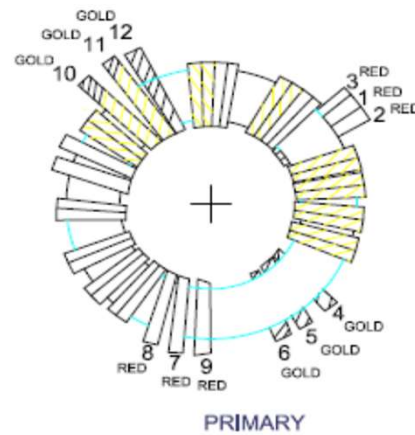
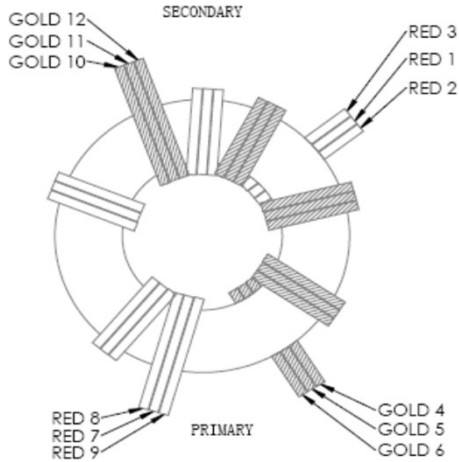
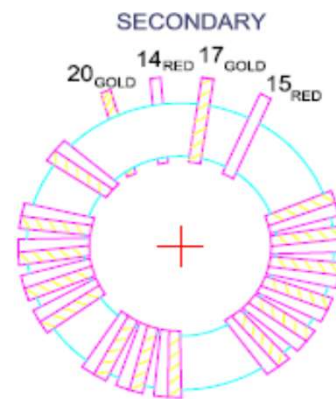
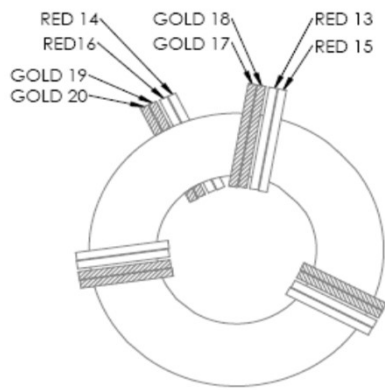
CHARACTERS

PC board layout

Allow a big current, low loss.

Fully Customizable To User Design.

Meets RoHS Requirements



TOROID CHOKE FOR CAR AMPLIFIE

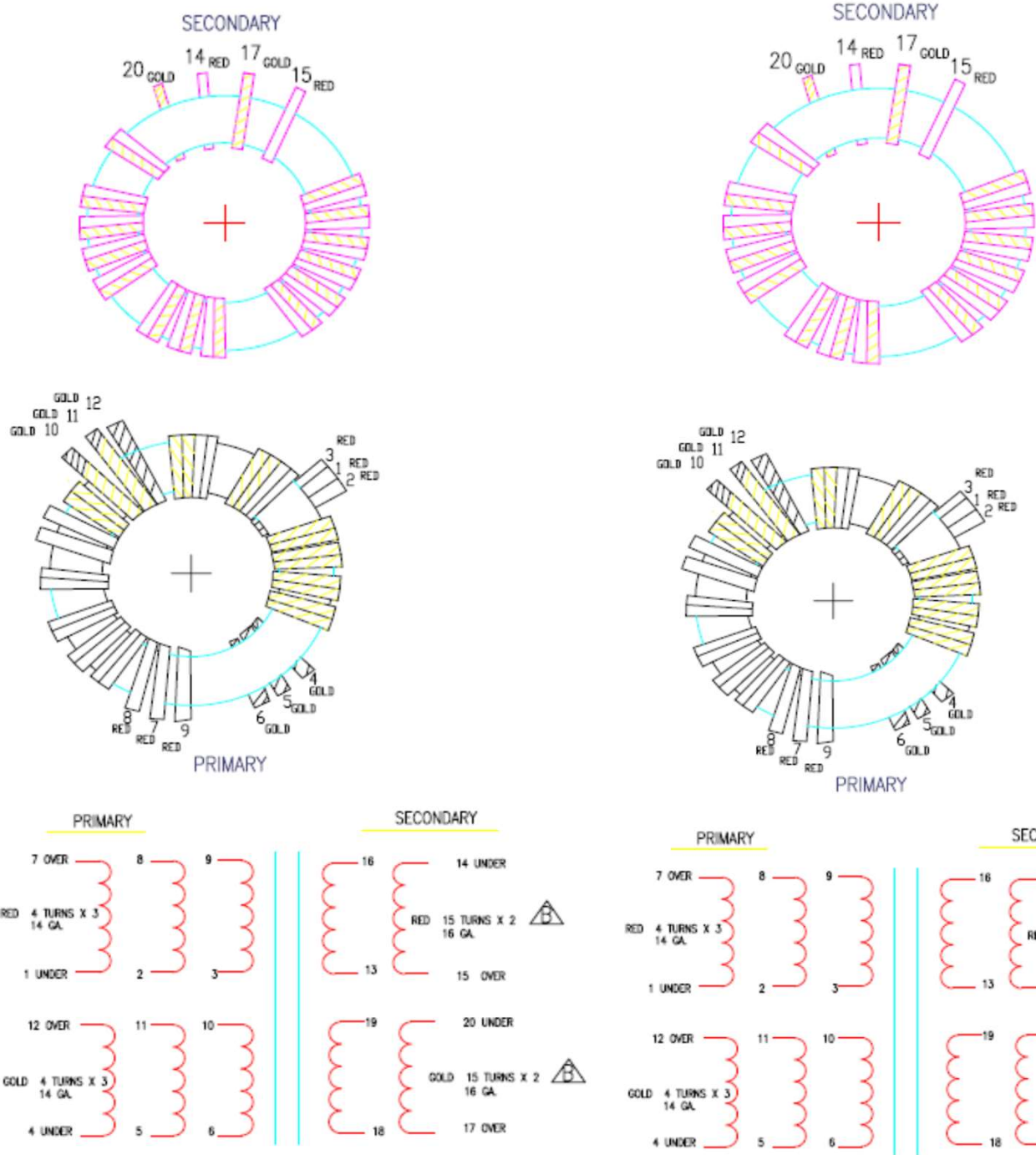
CHARACTERS

PC board layout

Allow a big current, low loss.

Fully Customizable To User Design.

Meets RoHS Requirements



CHOKES

TOROID CHOKE FOR CAR AMPLIFIER

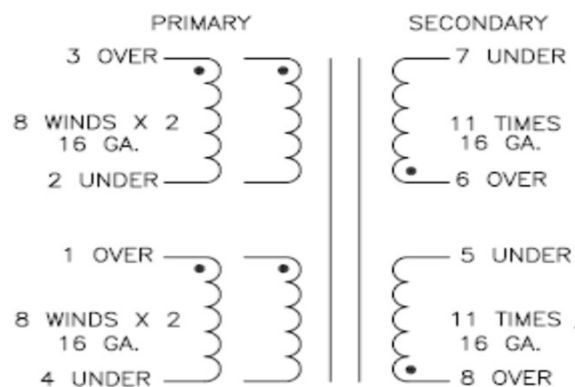
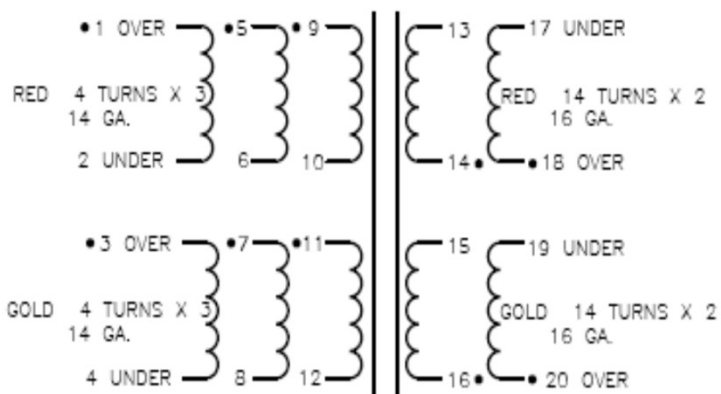
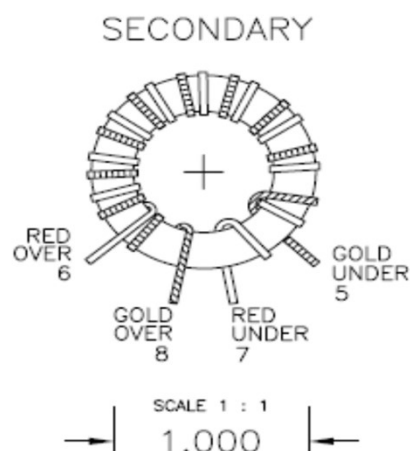
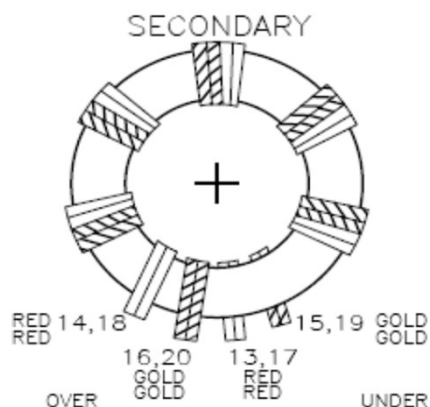
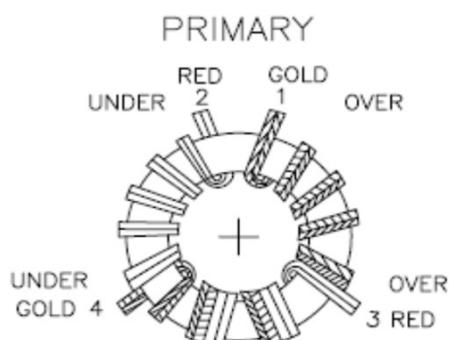
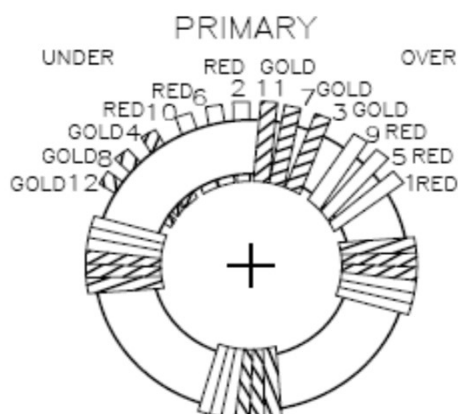
CHARACTERS

PC board layout

Allow a big current, low loss.

Fully Customizable To User Design

Meets RoHS Requirements



FERRITES

CHARACTERS

Many shapes and sizes.

Different material for different frequencies

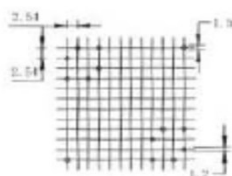
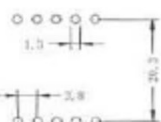
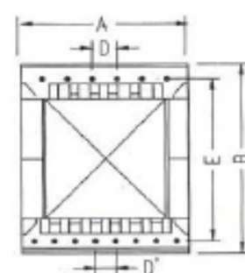
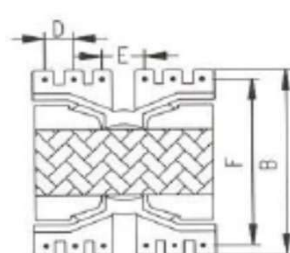
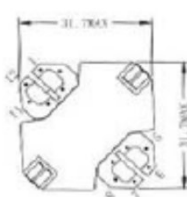
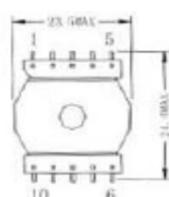
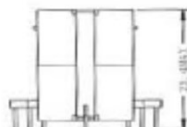
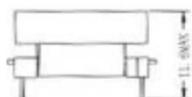
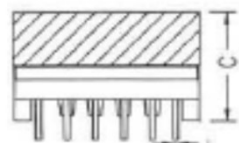
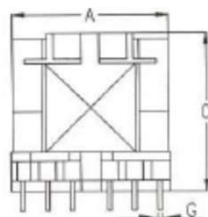
Horizontal and vertical PC board mounting

Input and output as per your specifications.

Fully Customizable To User Design.

Meets RoHS Requirements

HIGH FREQUENCY



LOW PROFILE SWITCHMODE TRANSFORMERS

HIGH FREQUENCY

CHARACTERS

Many shapes and sizes.

Standard EFD core sizes for low profile surface mount.

Horizontal and vertical PC board mounting

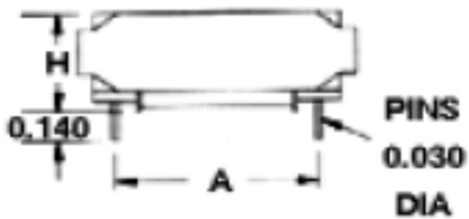
Input and output as per your specifications.

Fully Customizable To User Design.

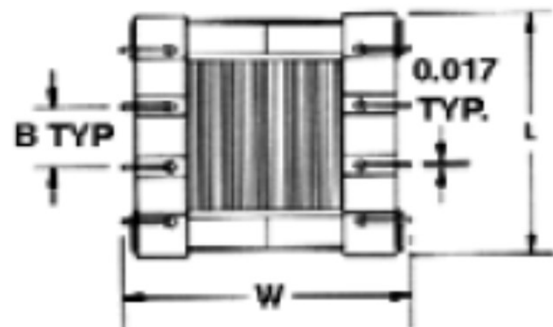
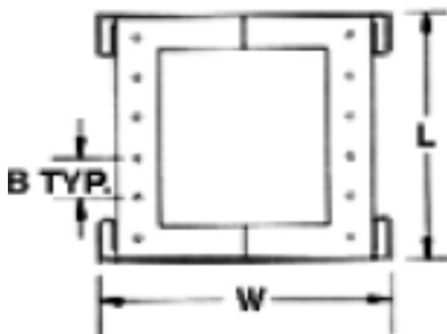
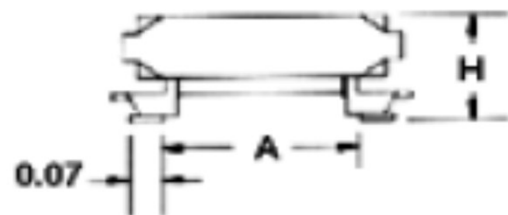
Meets RoHS Requirements



EFD 15, 20, 25, 30 THROUGH PIN



EFD 15 SURFACE MOUNT



SMD INDUCTOR

SMD POWER INDUCTOR

CHARACTERS

Varous high power inductors

Surface mounting

High energy storage and low resistance

Excellent solderability and high heat resistance

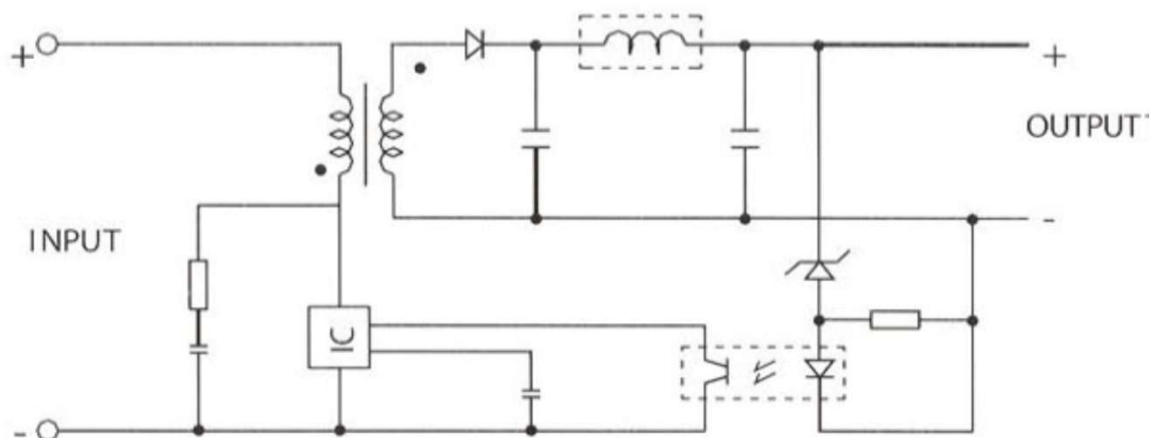
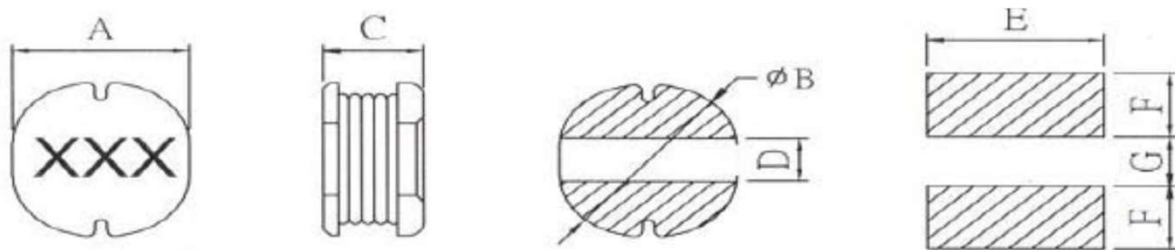
Reel package for anutomatic assembly

Working temperature -25°C to 85°C .

Many shapes and sizes available.

Fully Customizable To User Design.

Meets RoHS Requirements



SMD POWER INDUCTOR

CHARACTERS

Varous high power inductors

Surface mounting

High energy storage and low resistance

Excellent solderability and high heat resistance

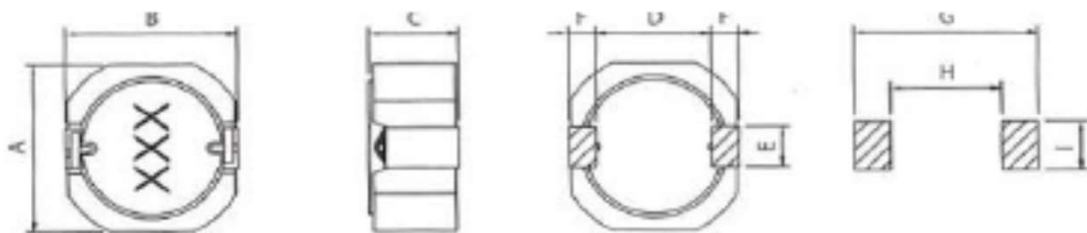
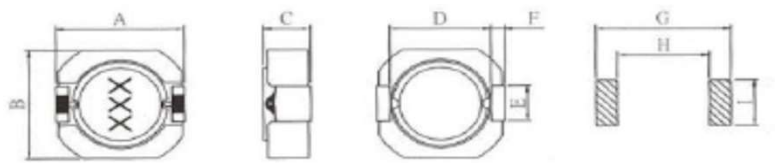
Reel package for anutomatic assembly

Working temperature -25°C to 85°C .

Many shapes and sizes available.

Fully Customizable To User Design.

Meets RoHS Requirements



SMD INDUCTOR

SMD POWER INDUCTOR

CHARACTERS

Various high power inductors

Surface mounting

High energy storage and low resistance

Excellent solderability and high heat resistance

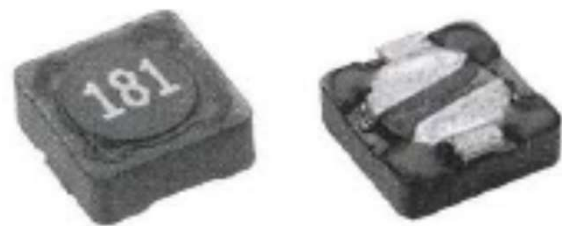
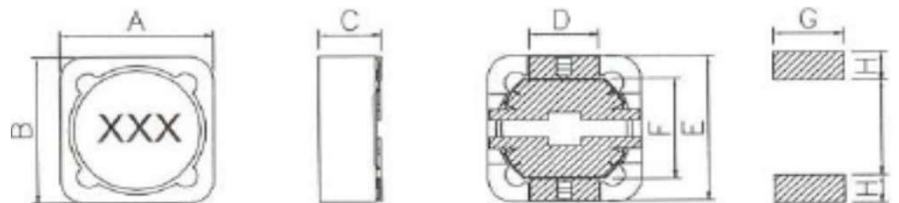
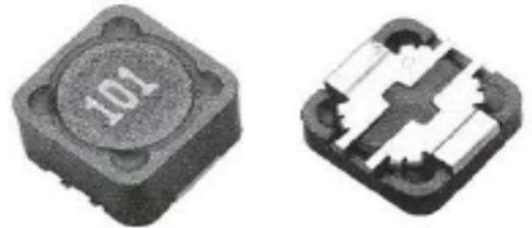
Reel package for automatic assembly

Working temperature -25°C to 85°C .

Many shapes and sizes available.

Fully Customizable To User Design.

Meets RoHS Requirements



STATEMENT OF RoHS COMPLIANCE

In order to comply with the European Union's laws on Waste Electrical and Electronic Equipment (WEEE) and the Restriction of Hazardous Substances (RoHS), ONSUNE carefully investigates, evaluates, and qualifies our raw materials.

All electronic and electrical equipment and components placed on the market cannot contain any of the following elements in amounts greater than allowed by the latest regulation, or by standards in industry:

*EU REACH Directive EC 1907/2006

*WEEE, February 13, 2003, Directive 2002/96/EC.

*WEEE, Jan 02, 2013, Directive 2011/65/EU.

*WEEE, Mar 31, 2015, Directive 2015/863/EU.

Lead (Pb)	Diisobutyl phthalate (DIBP)
Mercury (Hg)	DNOP
Cadmium (Cd)	DINP
Hexavalent Chromium (Cr (VI))	DIDP
Polybrominated Biphenyls (PBB)	Hexabromocyclododecane (HBCDD)
Polybrominated Diphenyl Ethers (PBDE)	Pentadecafluorooctanoic acid (PFOA)
Bis(2-ethyl(hexyl)phthalate (DEHP)	PFOS
Benzyl butyl phthalate (BBP)	
Dibutyl phthalate (DBP)	

ONSUNE certifies that all RoHS compliant products currently produced comply with the most recent directive 2015/863/EU, which takes effect Sept, 17th, 2022

Position: **Factory Manager**

Signature: 趙書領

Date: 2022/09/17

ONSUNE TECHNOLOGY LTD 21E, BLOCK #1, NANSHAN YIPIN DONGBIN ROAD, NANSHAN SHENZHEN 518052 CHINA

Phone: +86-755-27388956

Fax: +86-755-26441930

www.onsune.com

E-mail: sales@onsune.com

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956
F: +86-755-26441930
www.onsune.com

ONSUNE
technology

CERTIFICATE OF COMPLIANCE, Regulation (EC) No.1907/2006

This certificate affirms that ONSUNE TECHNOLOGY LTD fulfills its obligations under the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) regulation. Title IV, Article 33 of REACH, as interpreted by judgment of the Court of Justice of the European Union or China, requires ONSUNE TECHNOLOGY LTD to inform its customers if articles it produces (as defined in Title I, Chapter 2, Article 3) contain any constituent articles that have more than 0.1% by weight of the constituent article any of Substances of Very High Concern (SVHC) on the Candidate List, that are on the Authorisation List of Annex XIV, or that are on subject to the Restricted Substances List of Annex XVII, maintained by the European Chemicals Agency (ECHA). ONSUNE TECHNOLOGY LTD will provide, as a minimum, the name(s) of substance(s), if present.

The Candidate List (201), the Authorisation List, and the Restricted Substances list are available for viewing at <https://www.echa.europa.eu/>

For ONSUNE TECHNOLOGY LTD SVHC communication, please see "REACH" at <http://www.onsune.com/onsune/REACH.htm>

For comprehensive REACH information, please see <https://echa.europa.eu>

Statuses of the lists will continue to be monitored and this certificate will be updated only after all articles are reviewed against list changes. Article reviews and analyses often require several months to complete following a list change; therefore, this certificate remains in effect until replaced and regardless of the date of lists' changes.

Eric Wong

Eric Wong

QA Department
Materials compliance Engineer

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956
F: +86-755-26441930
www.onsune.com



CONFLICT MINERALS STATEMENT

ONSUNE Technology Ltd is committed to ensuring the highest standards of social and environmental responsibility. As such, we are doing our part to fight against human rights violations in the “conflict region” of the Democratic Republic of the Congo (DRC) and surrounding countries. The sale of metals mined and processed in the conflict region can fund or benefit armed military groups and contribute to human rights abuses. These metals include gold (Au), tantalum (Ta), tungsten (W), and tin (Sn), collectively known as “3TG”. ONSUNE assures our customers that the metals used in our products are not being sourced from mines or smelters in the conflict region.

A handwritten signature in black ink, appearing to read "Eric Wong", written in a cursive style.

Eric Wong

QA Department
Materials compliance Engineer

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA

T: +86-755-27388956

F: +86-755-26441930

www.onsune.com

ONSUNE
technology

POPs (Persistent Organic Pollutants) Statement

On July 15, 2019 the new Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) entered into force. It is essentially an editorial revision of previous Regulation (EC) No.850/2004, which has undergone numerous changes in the past. With the new regulation for the first time a concentration limit for the flame retardant decabromodiphenyl ether (DecaBDE) has been introduced. For it and the four other polybrominated diphenyl ethers (PBDE) tetra-, penta-, hexa- and heptabromodiphenyl ethers a total limit value of 1,000mg/kg now applies.

The list of POPs that fall within the scope of regulation is regularly extended with substance.

Eric Wong

Eric Wong

QA Department
Materials compliance Engineer

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956
F: +86-755-26441930
www.onsune.com

ONSUNE
technology

California Proposition 65 Statement

California Proposition 65, officially known as the Safe Drinking Water and Toxic Enforcement Act of 1986, was enacted as a ballot initiative in November 1986. The proposition protects the state's drinking water sources from being contaminated with chemicals known to cause cancer, birth defects or other reproductive harm, and requires businesses to inform Californians about exposures to such chemicals.

New regulations have gone into effect August 2018 and there are currently well over 900 substances identified within the Prop 65 list. The regulation entitles a manufacturer to demonstrate through testing that no chemicals from the list are present or if they are present, they do not present any harm.

ONSUNE Technology Ltd believes that any substances found within its product do not present any cause for concern and the human exposure level is below risk thresholds

However, out of an abundance of caution we provide the below warning statement.



California Prop 65 WARNING: This product can expose you to chemicals including Nickel (Metallic), Cadmium and Cadmium Compounds which are known to the State of California to cause cancer, birth defects or other reproductive harm. For additional information go to www.P65Warnings.ca.gov.

Eric Wong

Eric Wong

QA Department
Materials compliance Engineer

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956
F: +86-755-26441930
www.onsune.com



PFAS STATEMENT

ONSUNE Technology Ltd does not use PFAS chemicals in manufacturing its products.

Per- and polyfluoroalkyl substances (PFAS) are a group of chemicals that includes PFOA, PFOS, GenX, and other chemicals used to manufacture many everyday household products in the world. We're actively pursuing alternatives to PFAS where possible in our manufacturing processes.

Safety and environmental are core values at ONSUNE Technology Ltd. We're committed to fulfilling our obligations and to being a responsible partner in addressing concerns about the health and environmental impacts of PFAS.

Eric Wong

Eric Wong

QA Department
Materials compliance Engineer

ONSUNE TECHNOLOGY LTD
21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956 F: +86-755-26441930

EU Critical Raw Materials (CRM) Declaration

To whom it may concern,

We hereby send you information related to the EU Critical Raw Materials list (https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/critical_en). This communication applies to all Products sold or otherwise placed on the market by ONSUNE TECHNOLOGY LTD prior to the signature date shown below.

If no such Products contain any Critical Raw Materials identified by the EU, this option must be selected:

✂ Checking this box certifies that none of the Products referenced above contain any of the Critical Raw Materials identified by the EU (as stated at https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/critical_en) as of the signature date of this declaration.

OR, if any such Products contain any of the identified Critical Raw Materials, the table below must be completed. Each Product below is deemed to contain one or more of the Critical Raw Materials identified by the EU (as stated at https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/critical_en) as of the signature date of this declaration. Products not listed do not contain CRMs as identified here.

Part Number	CRM Substance

Limitations

ONSUNE believes that the information it provides above is accurate. The provided information is based upon data obtained from ongoing due diligence concerning goods and materials provided by third party suppliers. ONSUNE provides such information "AS IS", without any express or implied warranty of any kind. ONSUNE reserves the right to update and modify this communication, as it believes necessary or appropriate.

Please do not hesitate to ask for further information.

Print Name: ERIC WONG

Signed: 

Title: QA Materials compliance Engineer

Date: 08/18/2023

Email: sales@onsune.com

Phone: 86-755-2388956

Address: 21E BUILDING #1, NANSHANYIPIN,
NO.4076 DONGBIN ROAD, NANSHAN,
SHENZHEN CHINA

ONSUNE TECHNOLOGY LTD

21E BUILDING #1, NANSHANYIPIN, NO.4076,
DONGBIN ROAD, NANSHAN, SHENZHEN CHINA
T: +86-755-27388956
F: +86-755-26441930
www.onsune.com

ONSUNE
technology

Toxic Substance Control Act - Import Certification

Chemical substances imported into the United States must be accompanied by a certification form indicating that the shipment is in compliance with the EPA's Toxic Substance Control Act.

Chemical Name

PIP (3:1) - phenol, isopropylated phosphated(3:1) (CAS 68937-41-7)

DecaBDE - decabromodiphenyl ether (CAS 1163-19-5)

HCBD - hexachlorobutadiene (CAS 87-68-3)

PCTP - pentachlorothiophenol (CAS 133-5-49-3)

TTBP - 2,4,6-tris (tert-buty) phenol (CAS 732-26-3)

The following certification can be made regarding this shipment (select one of the following two certifications).

☐

I certify that all chemical substances in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA.

☒

(Or)

I certify that all chemicals in this shipment are not subject to TSCA.

(And, if applicable)

Eric Wong

Eric Wong

QA Department
Materials compliance Engineer

WARRANTY

ONSUNE TECHNOLOGY LTD

This warranty is designated by a certificated of compliance stating the inspection and test done before leaving ONSUNE TECHNOLOGY LTD.

ONSUNE TECHNOLOGY LTD, warrants to the purchaser that its product will be free from defects in material and workmanship and will be of the designated kind and quality for a period pf one (1) year from the date of manufacture by ONSUNE TECHNOLOGY LTD. Said correction of defects shall be made either by:

- 1) repairing any defective part or parts by making available a repaired part or product, or
- 2) replacing any defective part or parts by making available a replacement part or product.

The warranty may be voided if misused, mishandled, improper application or installation.

This warranty is limited to repaire or replacement of the part only, and we do not assume liability of any kind for the use or misuse of such equipment or the results therefore. We assume no responsibility beyond the replacement or repair of defective part at our factory.

Limitations of Liability:

- 1) Seller will not, under any circumstances, whether as result of breach of contract, breach of warranty, tort or otherwise be liable for consequential, incidental, special or exemplary damages including, but no limited to, loss of profits or revenues, loss of use of or damage to any associated equipment, cost or capital, cost of substitute products, facilities or services, downtime costs, or claims of buyer's customers.
- 2) seller's liability on any claim of any kind for any loss or damage arising out of, resulting from, or concerning any aspect of this agreement or from the products or services furnished hereunder shall not exceed the price of specific order or shipment which gives rise to the claim.

Low frequency mode , High frequency switch mode, Inductors & Switching power supply

Where for one part ... or a million, you can count on ONSUNE Technology Ltd

AND MUCH MORE! Just ask

Email us: sales@onsune.com