Company Profile

Yu Yang Magnetic Co., LTD., (YET) established in July 2019, is an innovative company specializing in the design and production of magnetic components.

In the face of fierce competition in the market environment, YET with its professional magnetic component development & design capabilities, subversive innovation concept, lean process control, to provide customers with high quality and low price products and services.

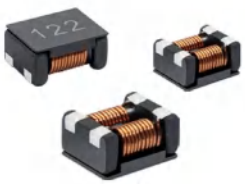
"Making exquisite magnetic components" is the eternal pursuit of YET, focusing on the creative research and development and production of magnetic components, is YET's long-term development strategy and policy.

The organization of YET is mainly composed of two departments: Special core R & D & Manufacturing center, and Magnetic Component Design & Manufacturing center.

The Special core R&D & Manufacturing center mainly provides customers with special structure of ring magnetic core, C-shaped magnetic core, and provide customized products;

Inductor and Transformer Design & Manufacturing center mainly produces inductors and transformers and design solutions for customers, also provides OEM and ODM services for customers

All colleagues of YET look forward to working with customers to make common progress and share benefits.



Website: https://www.yetcoil.com

ENCAPSULATED TRANSFORMER

YETEE/EI Series Product Specification

Fearures

. The encapsulated transformer is manufactured with high-quality EI type silicon steel sheets.

. Low no-load loss, high power, high efficiency and low temperature rise.

. Potting process.

.Low noise

.Good stability

. RoHS compliant.

. Ambient temperature –40°C to +145°C

. Storage temperature Component: –40°C to +85°C.

. Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Appilication

Temperature control, electric meters, household appliances and other equipment.

P/N	CORE TYPE	Output power (W)	SIZE L*W*H (mm)
YETEE20-001	EE20/6	0.35	23.5*22.5*17.9
YETEE20-002	EE20/10	0.4~0.5	23.5*22.5*21.5
YETEI30-001	EI30/5	0.5	33*27.5*16
YETEI30-002	EI30/8	0.8	33*27.5*19
YETEI30-003	EI30/10.5	1~1.5	32*27.8*22
YETEI30-004	EI30/12.5	1~1.7	33*27.8*25
YETEI30-005	EI30/15.5	1.8~2.2	33*27.8*28
YETEI30-006	EI30/18	1.9~3.0	33*27.8*30
YETEI30-007	EI30/23	2.8~3.5	33*27.8*35
YETEI38-001	EI38/7.5	2.5~3.0	41.5*35*22.5
YETEI38-002	EI38/13.6	3.2~4.6	41.5*35*28.5
YETEI42-001	EI42/14	4.5~6.1	45*39*32.8
YETEI42-002	EI42/20	8.0~10.2	45*39*37.8
YETEI48-001	EI48/16	10.3~12	51*43*34
YETEI48-002	EI48/20	12~14.5	51*43*39
YETEI54-001	EI54/18	15~20	57*49*42
YETEI60-001	EI60/30	19.5~30.5	64*54*57

Notes:

(1)，Marking type is laser printing or waterproof label

(2)，YY: Year Code; WW: Week Code

(3)，☒ :When making samples, S is used to represent the product is a sample.

(4)，☒ :Use different letters or numbers to represent the products are produced from different production lines .

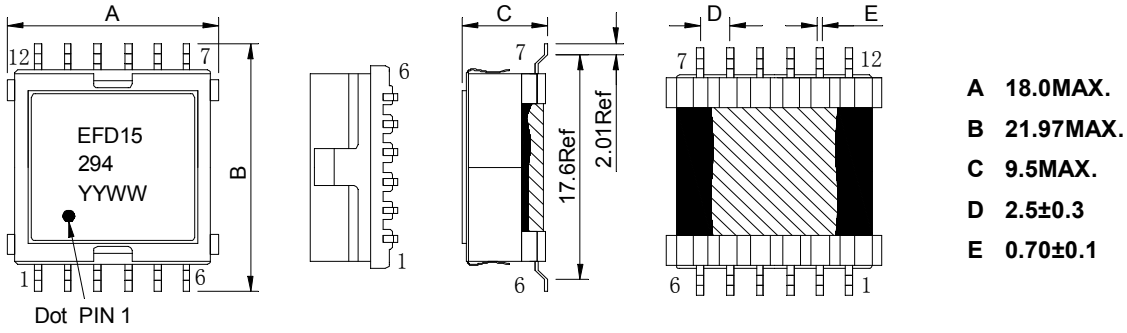
(5)，The ends of all lead wires shall be aligned

(6)，Ensure the lead wires are spaced , can't be joined together

EFD15 SERIES

Product Specification

1.Physical Dimensions (Unit:mm)



Top View Front View Side View Bottom View

A 18.0MAX.
B 21.97MAX.
C 9.5MAX.
D 2.5±0.3
E 0.70±0.1

Notes:

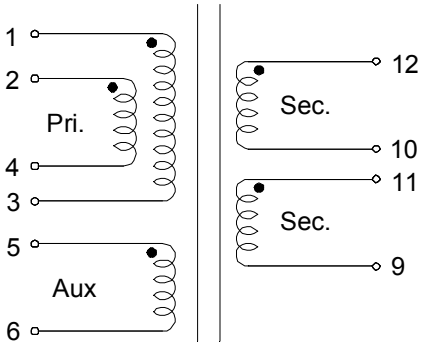
(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).Size B not including soldering tags

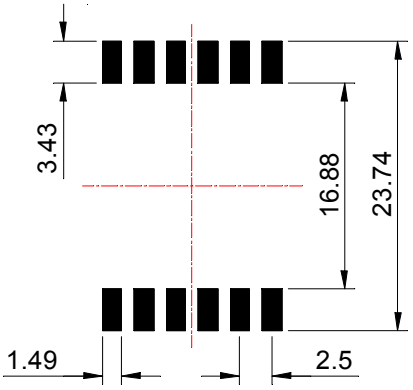
(4).Coplanarity Requirement: Less than 0.15mm

2. Connection



" ● "Start of winding

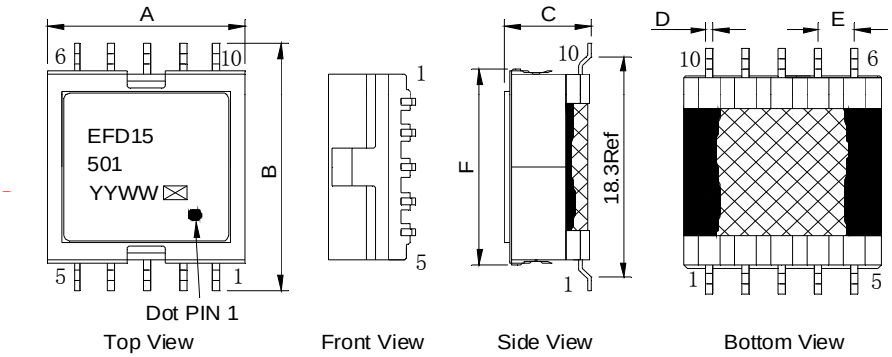
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4)	150uH±10%	at 100kHz,0.1V
LK-Inductance	LK(1,2-3,4) Tie other	2.0uH MAX.	at 100kHz,0.1V
DCR	R(1-3)	340mΩ MAX.	at 100kHz,0.1V
	R(2-4)	430mΩ MAX.	at 25℃
	R(5-6)	320mΩ MAX.	
	R(12-10)	22mΩ MAX.	
	R(11-9)	22mΩ MAX.	
Turns Ratio	(2-4):(5-6) :(12-10):(11-9):(1-3)	1:0.467:0.2:0.2:1;±3%	at 100kHz,0.1V
Hi-Pot	(1-2-5) To (11-12)	1500VAC	3 mA.60Sec
	(1-2) To 5	500VAC	3 mA.60Sec
	All Pin.To Core	500VAC	3 mA.60Sec

Product Specification

1.Physical Dimensions (Unit:mm)



A	**17.0MAX.**
B	**22.5MAX.**
C	**9.5MAX.**
D	**0.70±0.1**
E	**2.5±0.3**
F	**17.5MAX.**

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

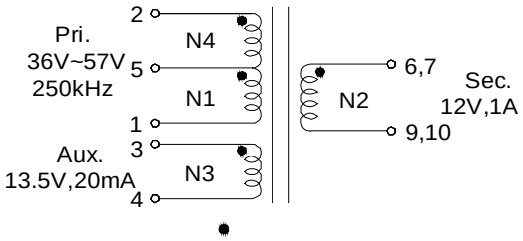
(3). ☒ :When making samples, S is used to represent the product is a sample.

(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .

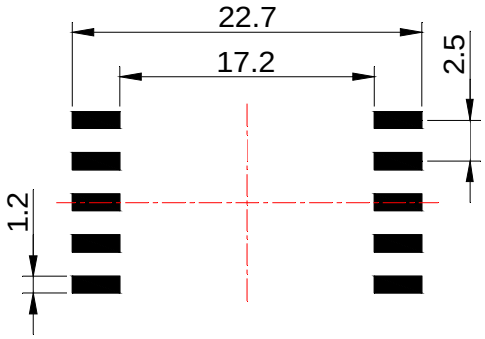
(5).Size B not including soldering tags

(6).Coplanarity requirement: Less than 0.10mm

2. Connection



3.Recommended Pad Layout (Unit:mm)

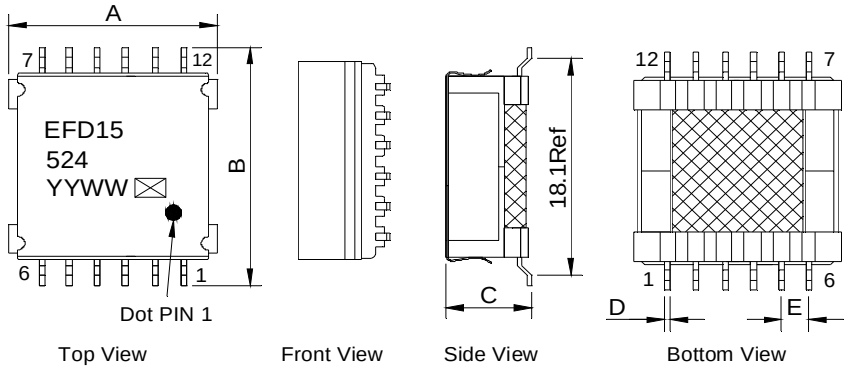


Items	Winding	Specifications	Test Conditions
Inductance	L(2-1)	140uH±7%	at 100kHz,0.1V
LK-Inductance	LK(2-1) Tie other	1.3uH MAX.	at 100kHz,0.1V
DCR	R(2-1)	365mΩ MAX.	at 25℃
	R(6,7-9,10)	40mΩ MAX.	
	R(3-4)	200mΩ MAX.	
Turn Ratio	(2-1):(6,7-9,10):(3-4)	1:0.389:0.444;±3%	at 20kHz,1V
Hi-Pot	Pri. To Sec.	1500VAC	1 mA.2Sec
	Win. To Core	500VAC	1 mA.2Sec

EFD15 SERIES

Product Specification

1.Physical Dimensions (Unit:mm)



Top View Front View Side View Bottom View

A	**17.3 MAX.**
B	**22.3MAX.**
C	**9.0MAX.**
D	**0.7±0.1**
E	**2.5±0.3**

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).☒ :When making samples, S is used to represent the product is a sample

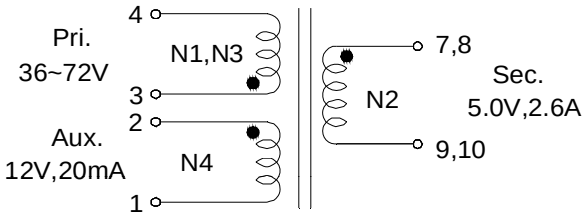
(4).☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

(6).Coplanarity Requirement: Less than 0.10mm

(7).Add epoxy to the center column of the cores

2. Connection

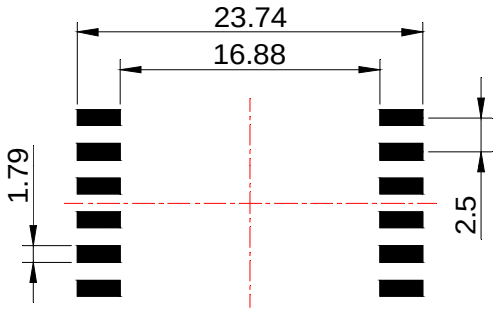


" ● "Start of winding

*Customer to tie terminals 7&8 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 7&8 and 9&10 to solder bridge.

3.Recommended Pad Layout (Unit:mm)

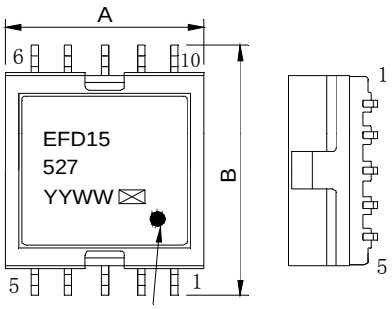


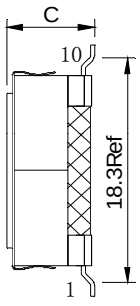
Items	Winding	Specifications	Test Conditions
Inductance	L(3-4)	127uH±10%	at 200kHz,0.1V
DC.Bias	L(3-4)	L1.0A/L0A>90%	at 200kHz,0.1V @1.0A
LK-Inductance	LK(3-4) Tie other	0.95uH MAX.	at 200kHz,0.1V
DCR	R(3-4)	222mΩ MAX	at 25℃
	R(2-1)	348mΩ MAX	
	R(7,8-9,10)	39mΩ MAX	
Turns Ratio	(3-4):(7,8-9,10):(2-1)	36:9:18;±3%	at 20kHz,1V
Hi-Pot	Pri. To Sec.	1500VAC	1 mA.3Sec
	Win.To Core	500VAC	1 mA.3Sec

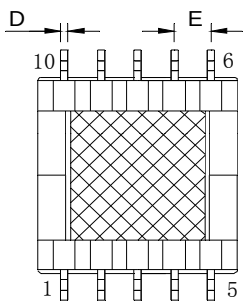
EFD15 SERIES

Product Specification

1.Physical Dimensions (Unit:mm)







A 17.0MAX.
B 22.5MAX.
C 9.5MAX.
D 0.70±0.1
E 2.5±0.3

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).☒ :When making samples, S is used to represent the product is a sample

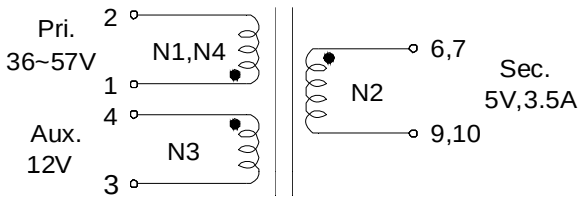
(4).☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

(6).Coplanarity Requirement: Less than 0.10mm

(7).Add epoxy to the center column of the cores

2. Connection

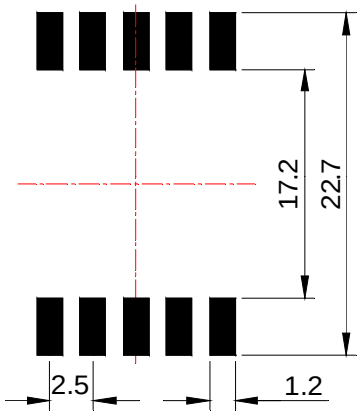


" ● "Start of winding

*Customer to tie terminals 6&7 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 6&7 and 9&10 to solder bridge.

3.Recommended Pad Layout (Unit:mm)

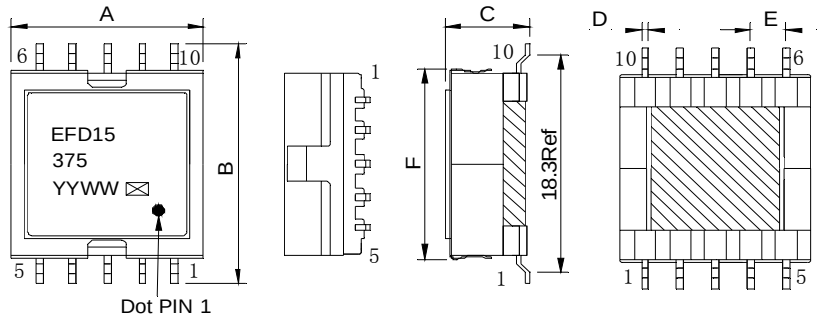


Items	Winding	Specifications	Test Conditions
Inductance	L(1-2)	60uH±5%	at 250kHz,1V
LK-Inductance	LK(1-2) Tie other	1.2uH MAX.	at 250kHz,1V
DCR	R(1-2)	150mΩ MAX	at 25℃
	R(6,7-9,10)	20mΩ MAX	
	R(4-3)	150mΩ MAX	
Turns Ratio	(1-2):(4-3):(6,7-9,10)	25:12:5;±3%	at 250kHz,1V
Hi-Pot	Pri.To Sec.	1500VAC	5 mA.3Sec
	Win.To Core	500VAC	5 mA.3Sec

EFD15 SERIES

EFD15-375 Product Specification

1.Physical Dimensions (Unit:mm)



A	17.0MAX.
B	22.5MAX.
C	9.5MAX.
D	0.70±0.1
E	2.5±0.3
F	16.8Ref

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).☒ :When making samples, S is used to represent the product is a sample

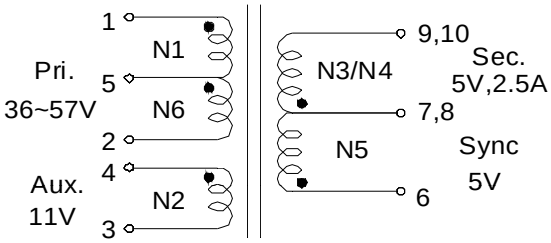
(4).☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

(6).Coplanarity Requirement: Less than 0.10mm

(7). Add epoxy to the center column of core,and Impregnation the varnish after finish goods.

2. Connection

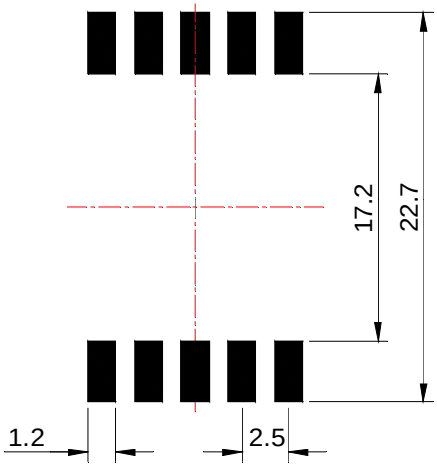


" ● "Start of winding

*Customer to tie terminals 7&8 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 7&8 and 9&10 to solder bridge.

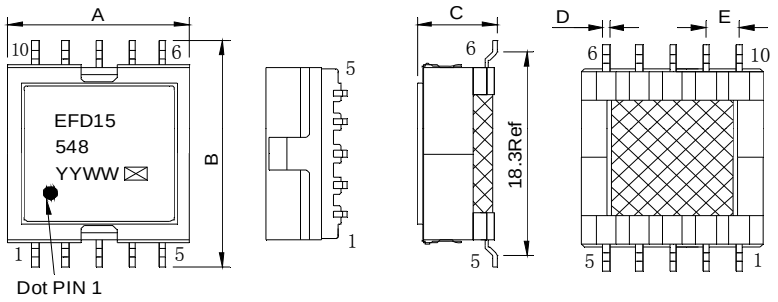
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1-2)	150uH±10%	at 250kHz,0.1V
LK-Inductance	LK(1-2) Tie other	1.5uH MAX.	at 250kHz,0.1V
DCR	R(1-2)	300mΩ MAX	at 25℃
	R(4-3)	250mΩ MAX	
	R(7,8-9,10)	20mΩ MAX	
	R(6-7)	100mΩ MAX	
Turns Ratio	(1-2):(6-7):(4-3):(7,8-9,10)	36:6:14:6;±3%	at 250kHz,0.1V
Hi-Pot	Pri.To Sec.	1500VAC	0.5 mA.1Sec
	Win.To Core	500VAC	0.5 mA.1Sec

EFD15-548 Product Specification

1.Physical Dimensions (Unit:mm)

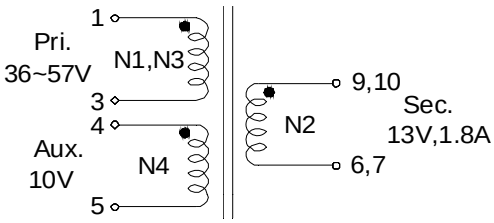


A 17.0MAX.
B 22.5MAX.
C 9.5MAX.
D 0.70±0.1
E 2.5±0.3

Notes:

(1).Marking type is laser printing
(2).YY: Year Code; WW: Week Code
(3). ☒ :When making samples, S is used to represent the product is a sample
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines
(5).Size B not including soldering tags
(6).Coplanarity Requirement: Less than 0.10mm
(7).Add epoxy to the center column of the cores

2. Connection

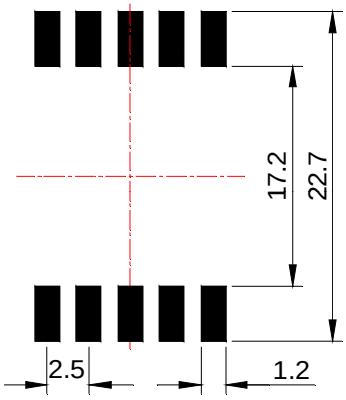


" ● "Start of winding

*Customer to tie terminals 6&7 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 6&7 and 9&10 to solder bridge.

3.Recommended Pad Layout (Unit:mm)

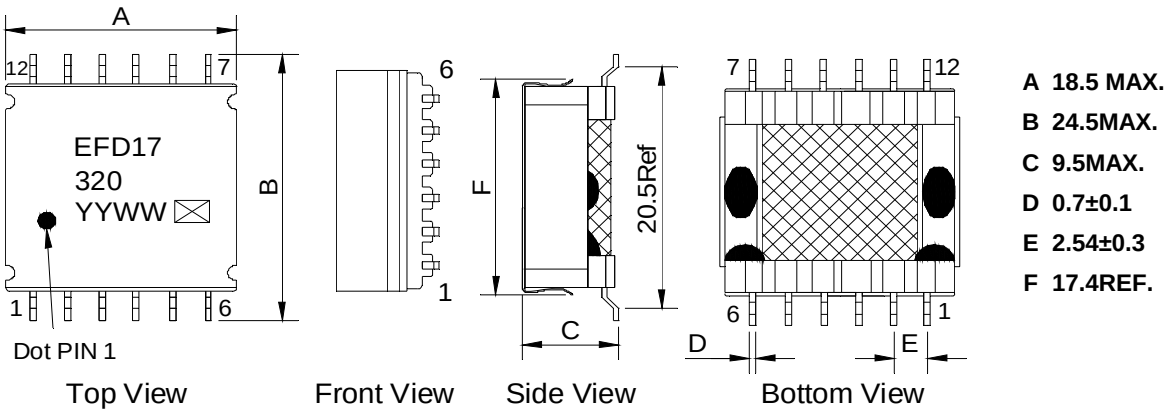


Items	Winding	Specifications	Test Conditions
Inductance	L(1-3)	65uH±10%	at 100kHz,0.1V
LK-Inductance	LK(1-3) Tie others	1.3uH MAX.	at 100kHz,0.1V
DCR	R(1-3)	250mΩ MAX	at 25℃
	R(9,10-6,7)	35mΩ MAX	
	R(4-5)	275mΩ MAX	
Turns Ratio	(1-3):(4-5):(9,10-6,7)	32:10:12;±3%	at 20kHz,1V
Hi-Pot	Pri.To Sec.	1500VAC	1 mA.2Sec
	Win.To Core	500VAC	1 mA.2Sec

EFD17 SERIES

Product Specification

1.Physical Dimensions (Unit:mm)

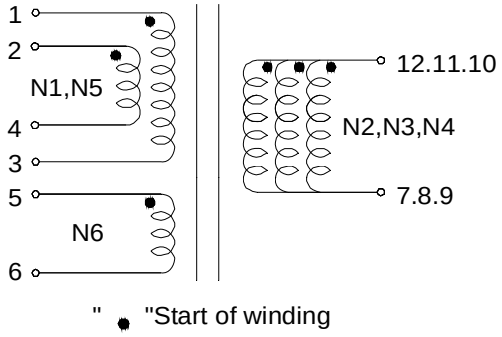


A 18.5 MAX.
B 24.5MAX.
C 9.5MAX.
D 0.7±0.1
E 2.54±0.3
F 17.4REF.

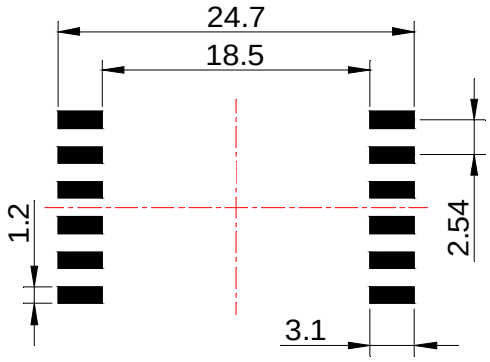
Notes:

(1).Marking type is laser printing
(2).YY: Year Code; WW: Week Code
(3). ☒ :When making samples, S is used to represent the product is a sample.
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .
(5).Size B not including soldering tags
(6).Coplanarity Requirement: Less than 0.15mm

2. Connection



3.Recommended Pad Layout (Unit:mm)

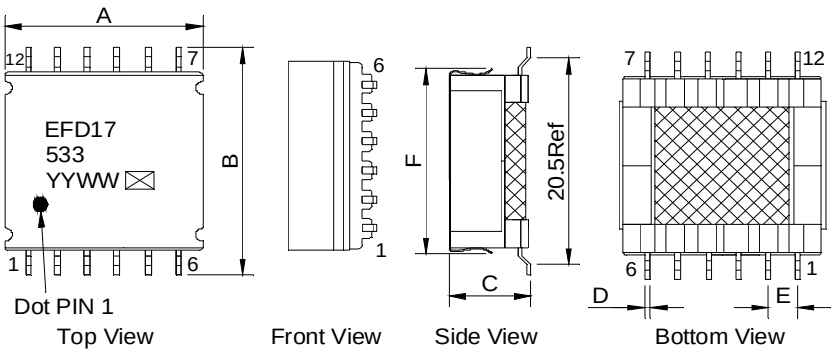


Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4)	50uH±10%	at 250kHz,0.5Vrms
LK-Inductance	LK(1,2-3,4) Tie other	0.62uH MAX.	at 250kHz,0.5Vrms
DCR	R(1,2-3,4)	110mΩ MAX.	at 25℃
	R(5-6)	210mΩ MAX.	
	R(12,11,10-9,8,7)	8mΩ MAX .	
Capacitance	C(1-12)	100pF MAX .	at 250kHz,0.5Vrms
Turns Ratio	(1,2-3,4):(5-6):(11,12-7,8)	1:0.41:0.182;±3%	at 100kHz,0.1Vrms
Hi-Pot	Pri. To Sec.	1500VAC	1 mA.2Sec
	Pri.&Sec. To Core	500VAC	1 mA.2Sec

EFD17 SERIES

Product Specification

1.Physical Dimensions (Unit:mm)



A 18.5 MAX.
B 24.5MAX.
C 9.5MAX.
D 0.7±0.1
E 2.54±0.3
F 19.3REF.

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3). ☒ :When making samples, S is used to represent the product is a sample.

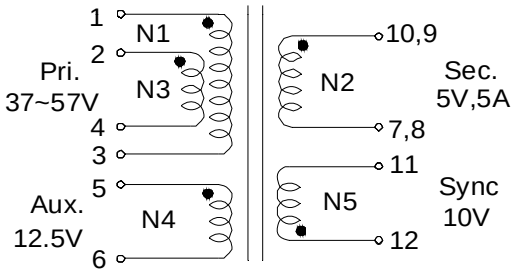
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .

(5).Size B not including soldering tags

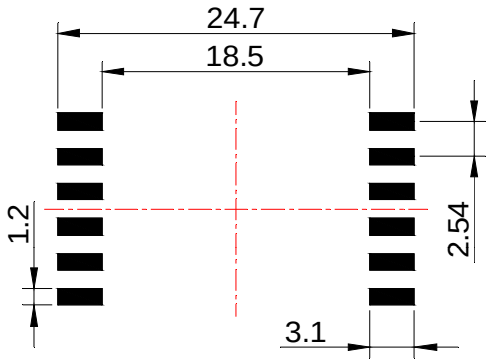
(6).Coplanarity Requirement: Less than 0.10mm

(7).Add epoxy to the center column of the cores

2. Connection



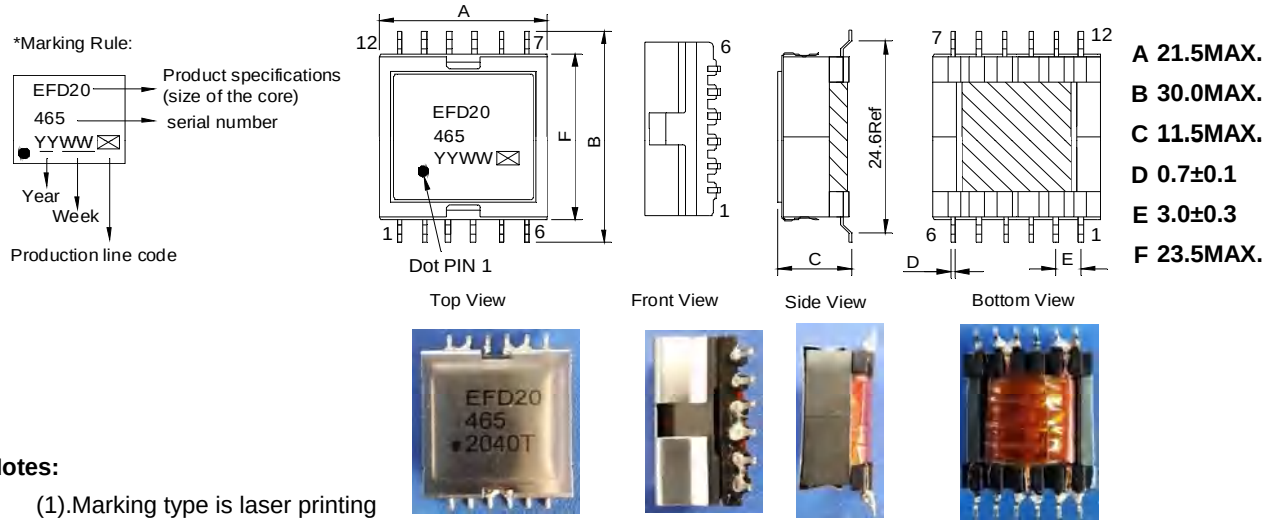
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4)	50uH±10%	at 250kHz,0.1V
LK-Inductance	LK(1,2-3,4) Tie other	1uH MAX.	at 250kHz,0.1V
DCR	R(1,2-3,4)	110mΩ MAX.	at 25℃
	R(5-6)	400mΩ MAX.	
	R(10,9-7,8)	15mΩ MAX.	
	R(12-11)	300mΩ MAX.	
Turns Ratio	(1,2-3,4):(5-6):(10,9-7,8):(12-11)	22:10:4:8;±3%	at 250kHz,0.1V
Hi-Pot	Pri. To Sec.	1500VAC	5 mA.3Sec
	Win. To Core	500VAC	5 mA.1Sec

EFD20-465 Product Specification

1.Physical Dimensions (Unit:mm)



Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).☒ :When making samples, S is used to represent the product is a sample

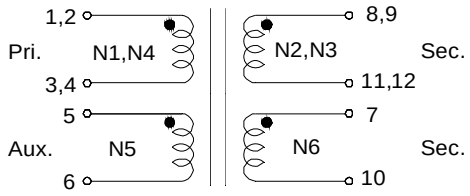
(4).☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

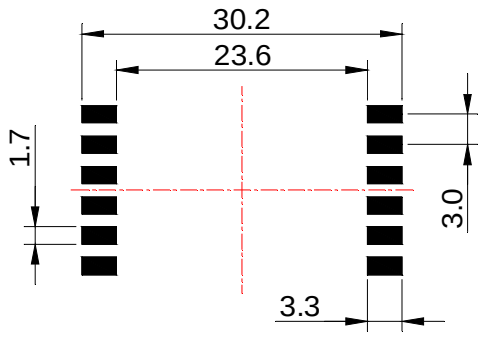
(6).Coplanarity Requirement: Less than 0.10mm

(7).Add epoxy to the center column of the cores

2. Connection



3.Recommended Pad Layout (Unit:mm)



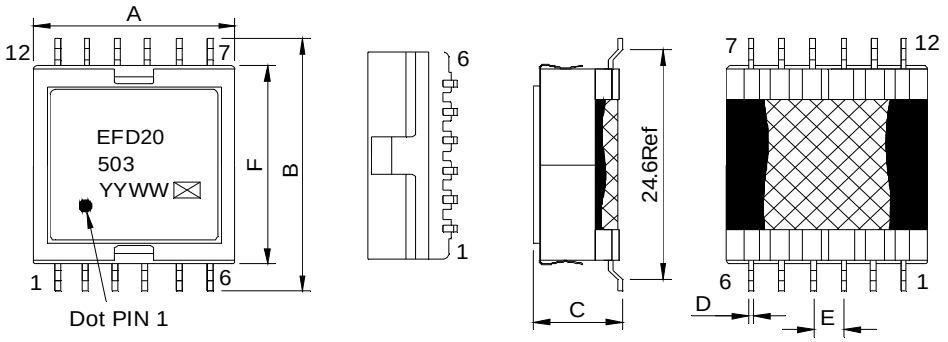
Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4)	100uH±10%	at 100kHz,0.1Vrms
LK-Inductance	LK(1,2-3,4) Tie other	1.0uH MAX.	at 100kHz,0.1Vrms
DCR	R(1,2-3,4)	40mΩ MAX.	at 25℃
	R(8,9-11,12)	10mΩ MAX.	
	R(7-10)	140mΩ MAX.	
	R(5-6)	350mΩ MAX.	
Turns Ratio	(1,2-3,4):(5-6):(7-10):(8,9-11,12)	16:10:4:4;±3%	at 20kHz,1Vrms
Hi-Pot	Pri.To Sec.	1500VAC	0.5mA.3Sec
	Win.To Core	750VAC	0.5mA.3Sec

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

EFD20 SERIES

EFD20-503 Product Specification

1.Physical Dimensions (Unit:mm)



A 21.5MAX.
B 30.0MAX.
C 11.5MAX.
D 0.7±0.1
E 3.0±0.3
F 23.5MAX.

Notes:

*Marking type is laser printing

*YY: Year Code; WW: Week Code

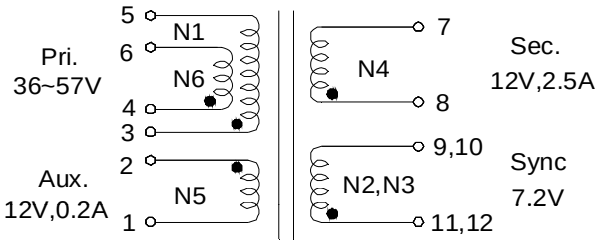
* ☒ :When making samples, S is used to represent the product is a sample.

* ☒ :Use different letters or numbers to represent the products are produced from different production lines .

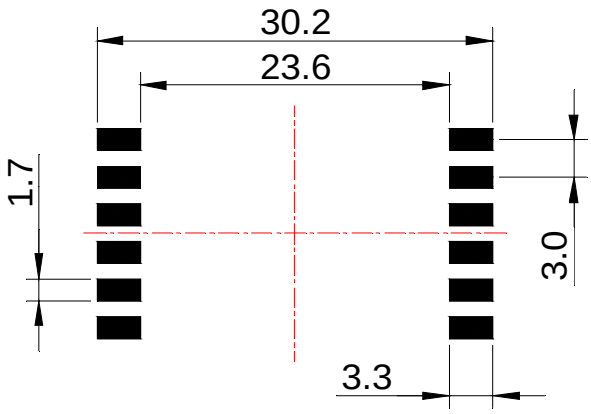
*Size B not including soldering tags

*Coplanarity Requirement: Less than 0.10mm

2. Connection



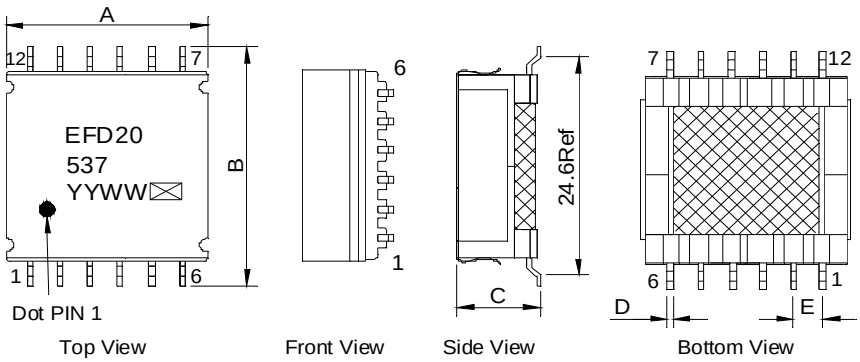
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(3,4-5,6)	75uH±10%	at 200kHz,0.1V
LK-Inductance	LK(3,4-5,6) Tie other	1.0uH MAX.	at 200kHz,0.1V
DCR	R(3,4-5,6)	77mΩ MAX.	at 25℃
	R(2-1)	96mΩ MAX.	
	R(8-7)	70mΩ MAX.	
	R(12,11-9,10)	10mΩ MAX.	
Turns Ratio	(3,4-5,6):(12,11-9,10):(8-7):(2-1)	1:0.25:0.15:0.25;±3%	at 250kHz,0.1V
Hi-Pot	Pri.To Sec.	1500VAC	5mA.1Sec
	Win.To Core	500VAC	5mA.1Sec

EFD20-537 Product Specification

1.Physical Dimensions (Unit:mm)

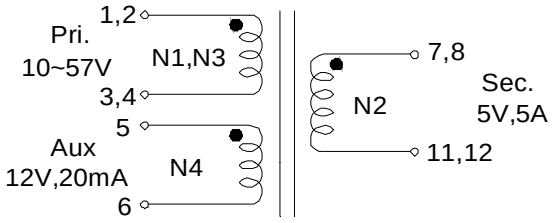


A 22.0 MAX.
B 30.0MAX.
C 12.0MAX.
D 0.7±0.1
E 3.0±0.3

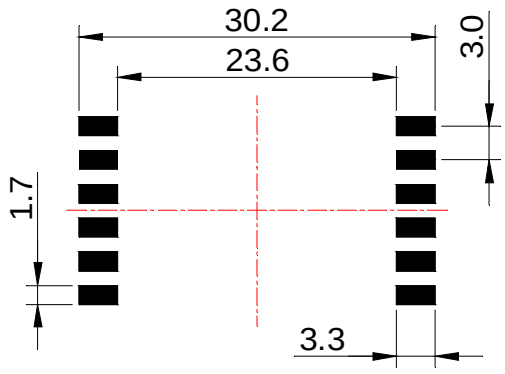
Notes:

(1).Marking type is laser printing
(2).YY: Year Code; WW: Week Code
(3). ☒ :When making samples, S is used to represent the product is a sample.
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .
(5).Size B not including soldering tags
(6).Coplanarity Requirement: Less than 0.10mm
(7).Add epoxy to the center column of the cores

2. Connection



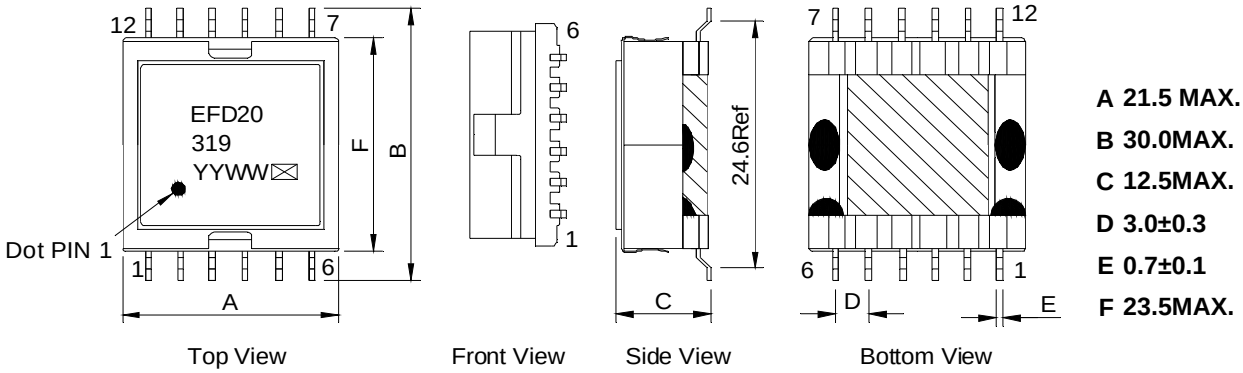
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4)	90uH MIN.	at 200kHz,0.2V
LK-Inductance	LK(1,2-3,4) Tie other	0.12uH MAX.	at 100kHz,0.1V
DCR	R(1,2-3,4)	22mΩ MAX	at 25℃
	R(7,8-11,12)	17mΩ MAX	
	R(5-6)	320mΩ MAX	
Turns Ratio	(1,2-3,4):(7,8-11,12):(5-6)	1:0.8:1.9;±3%	at 20kHz,1V
Hi-Pot	Pri.To Sec.	1500VAC	5mA.3Sec
	Win. To Core	500VAC	5mA.3Sec

EFD20-319 Product Specification

1.Physical Dimensions (Unit:mm)



A 21.5 MAX.
B 30.0MAX.
C 12.5MAX.
D 3.0±0.3
E 0.7±0.1
F 23.5MAX.

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

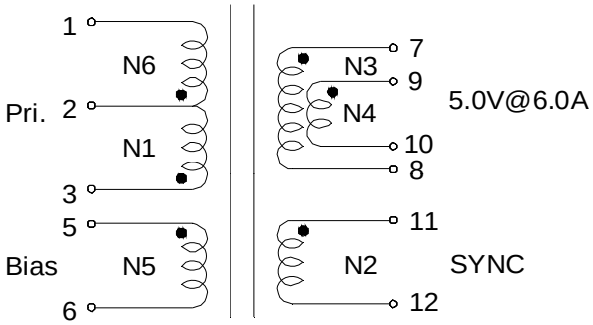
(3). ☒ :When making samples, S is used to represent the product is a sample.

(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .

(5).Size B not including soldering tags

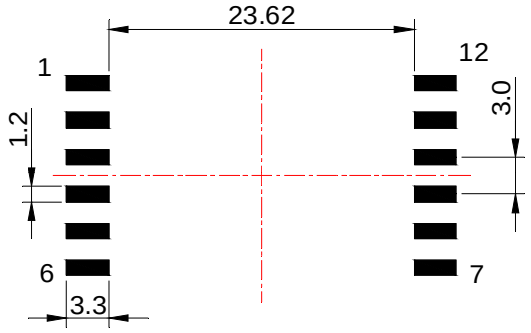
(6).Coplanarity Requirement: Less than 0.15mm

2. Connection



" ● "Start of winding

3.Recommended Pad Layout (Unit:mm)

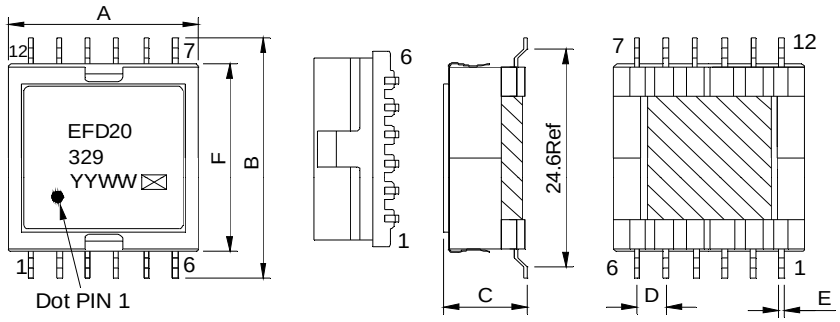


Items	Winding	Specifications	Test Conditions
Inductance	L(3-1)	48~59uH	at 300kHz,0.8Vrms
Inductance	L(3-1)	40uH MIN.	at 300kHz,0.8Vrms @4.4ADC
LK-Inductance	LK(3-1) Tie 7,8,9,10	1.0uH MAX.	at 300kHz,0.8Vrms
DCR	R(3-1)	114mΩ MAX.	at 25℃
	R(5-6)	200m MAX.	
	R(7-8)	13mΩ MAX.	
	R(9-10)	13mΩ MAX.	
	R(11-12)	180mΩ MAX.	
Turns Ratio	(3-1):(11-12):(10-8):(9-7):(5-6)	24:6:5:5:6;±3%	at 30kHz,0.5Vrms
Hi-Pot	1,2,3,5,6 TO 7,8,9,10,11,12	1500VAC	5 mA.60 SEC
	1,2,3,11,12 TO 5,6,7,8,9,10	500VAC	
	Win.TO Core	500VAC	

EFD20 SERIES

EFD20-329 Product Specification

1.Physical Dimensions (Unit:mm)



A 22.0 MAX.
B 30.0MAX.
C 12.0MAX.
D 3.0±0.3
E 0.7±0.1
F 24.0MAX.

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3).☒ :When making samples, S is used to represent the product is a sample

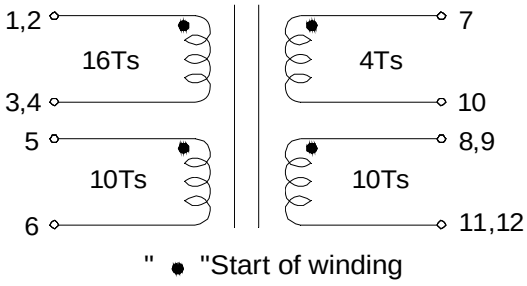
(4).☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

(6).Coplanarity Requirement: Less than 0.15mm

(7).Add epoxy to the center column of the cores

2. Connection

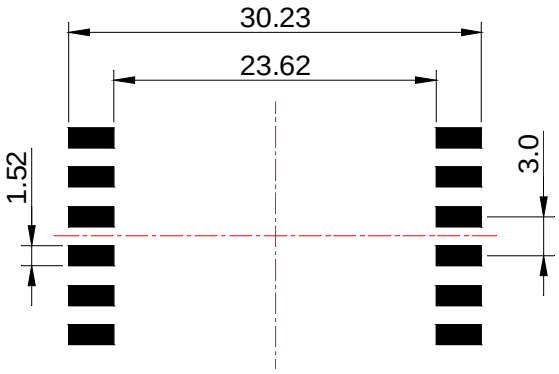


" ● "Start of winding

*Customer to tie terminals 1&2,3&4, 8&9 and 11&12 on PC board.

*Application of the transformer allows for the leadwires between terminals 1&2,3&4, 8&9 and 11&12 to solder bridge.

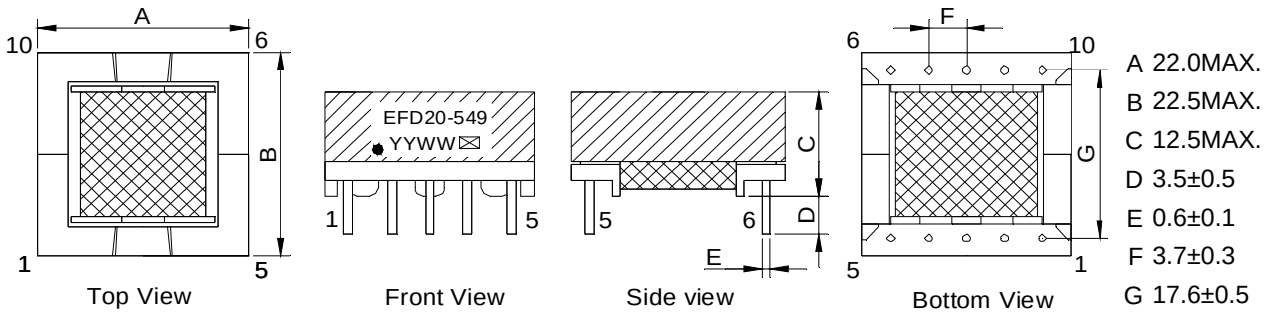
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1,2-3,4) Tie (1+2,3+4)	*100uH ±10%*	*at 100kHz,0.1Vrms*
LK-Inductance	LK(1,2-3,4) Tie (1+2,3+4,5+6+7+8+9+10+11+12)	0.9uH MAX.	at 100kHz,0.1Vrms
DCR	R(1,2-3,4)	38mΩ MAX.	at 25℃
	R(8,9-11,12)	19mΩ MAX.	
	R(5-6)	350mΩ MAX.	
	R(7-10)	140mΩ MAX.	
Turns Ratio	(1,2-3,4):(5-6):(7-10):(8,9-11,12)	16:10:4:10;±3%	at 100kHz,0.1Vrms
Hi-Pot	Pri. To Sec.	1500VAC	0.5mA.2Sec
	Pri. & Sec.To Core	500VAC	

EFD20-549 Product Specification

1.Physical Dimensions (Unit:mm)



Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

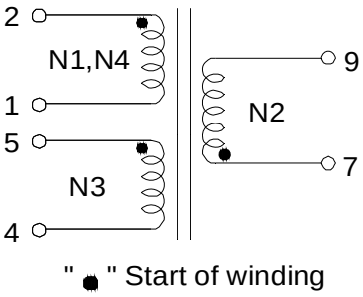
(3). ☒ :When making samples, S is used to represent the product is a sample.

(4). ☒ :Use different letters or numbers to represent the products are produced from different productic

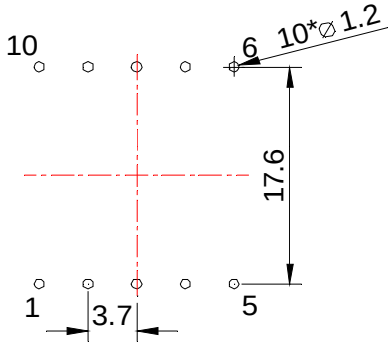
(5).Size D not including soldering tags

(6).Add epoxy to the center column of the cores

2.Connection



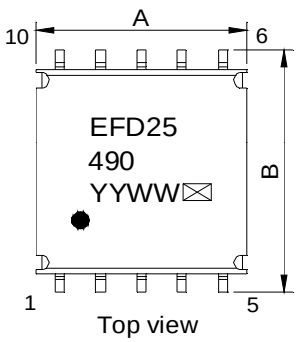
3.Recommended Pad Layout (Unit:mm)



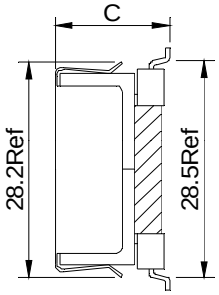
Items	Winding	Specifications	Test Conditions
Inductance	L(1-2)	28uH±5%	at 40kHz,1V
LK-Inductance	LK(1-2) Tie others	0.8uH MAX.	at 40kHz,1V
DCR	R(1-2)	TBD mΩ MAX.	at 25℃
	R(7-9)	TBD mΩ MAX.	
	R(5-4)	TBD mΩ MAX.	
Turns Ratio	(1-2):(7-9):(5-4)	1:0.5:0.5;±3%	at 10kHz,1V
Hi-Pot	Pri. to Sec.	1500VAC	5mA,3Sec
	Win. to Core	500VAC	5mA,1Sec

EFD25 - 490 Product Specification

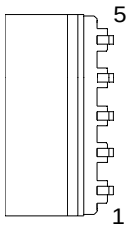
1.Physical Dimensions (Unit:mm)



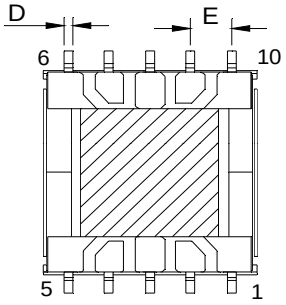
Top view



Side view



Front View



Bottom view

A 29.0MAX.
B 33.0MAX.
C 15.0MAX.
D 1.0±0.1
E 5.0±0.3

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3). ☒ :When making samples, S is used to represent the product is a sample

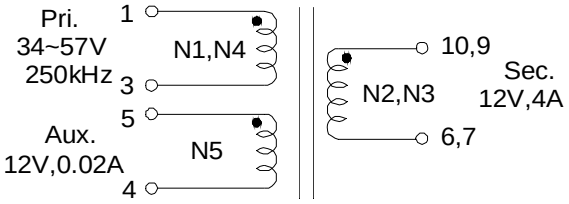
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines

(5).Size B not including soldering tags

(6).Coplanarity Requirement: Less than 0.15mm

(7).Add epoxy to the center column of the cores

2. Connection

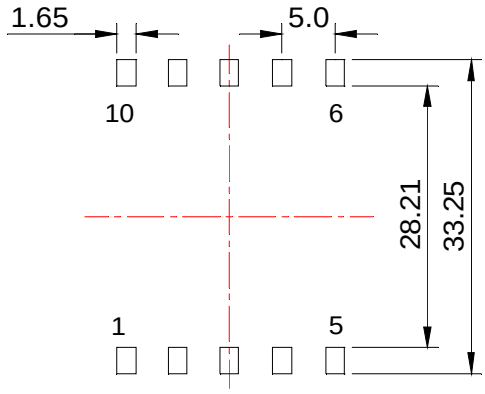


" ● " Start of winding

*Customer to tie terminals 6&7 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 6&7 and 9&10 to solder bridge.

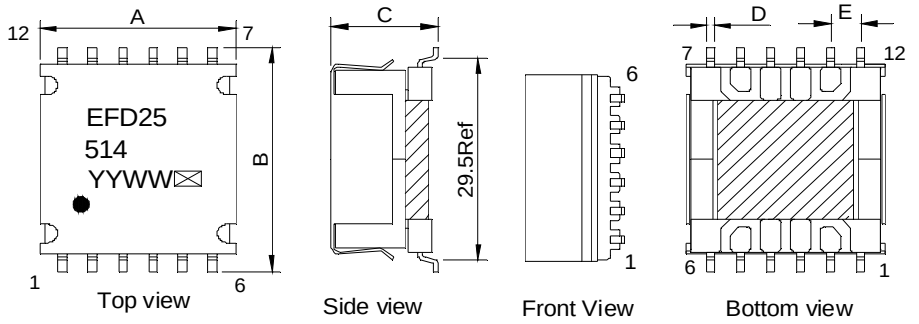
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1-3)	55uH±10%	at 250kHz,0.1Vrms
LK-Inductance	LK(1-3) Tie other	0.6uH MAX.	at 250kHz,0.1Vrms
DCR	R(1-3)	55mΩ MAX.	at 25℃
	R(5-4)	24mΩ MAX.	
	R(10,9-6,7)	10mΩ MAX.	
Turns Ratio	(1-3):(10,9-6,7):(5-4)	1:0.428:0.428;±3%	at 250kHz,0.1Vrms
Hi-Pot	Pri.TO Sec.	2500VDC	5mA.3Sec
	Pri.TO Aux.	800VAC	
	Win. TO Core	800VAC	

EFD25 - 514 Product Specification

1.Physical Dimensions (Unit:mm)

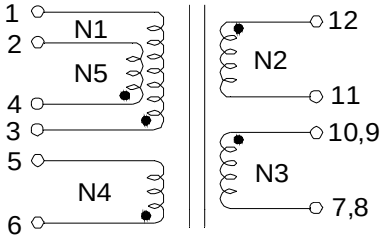


A 27.0MAX.
B 32.8MAX.
C 15.5MAX.
D 1.0±0.1
E 4.0±0.3

Notes:

(1).Marking type is laser printing
(2).YY: Year Code; WW: Week Code
(3). ☒ :When making samples, S is used to represent the product is a sample
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines
(5).Size B not including soldering tags
(6).Coplanarity Requirement: Less than 0.15mm
(7).Add epoxy to the center column of the cores

2. Connection

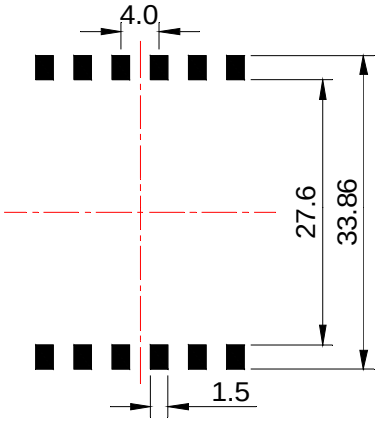


" ● " Start of winding

*Customer to tie terminals 1&2,3&4, 7&8 and 9&10 on PC board.

*Application of the transformer allows for the leadwires between terminals 1&2,3&4,7&8 and 9&10 to solder bridge.

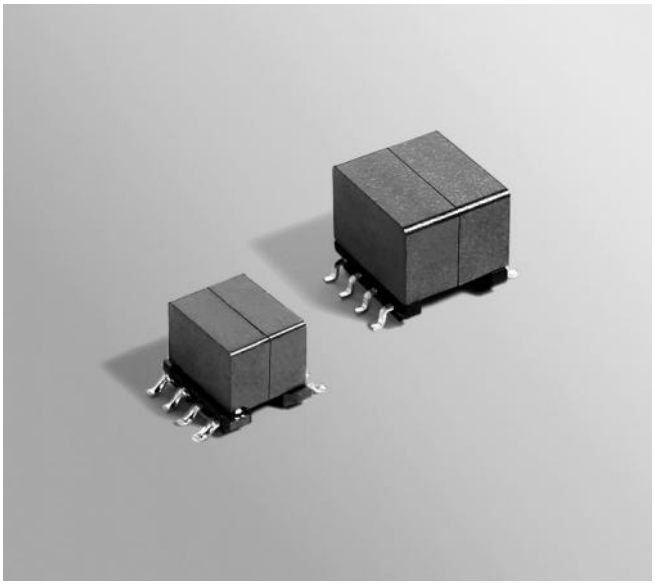
3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(3,4-1,2)	55uH±10%	at 250kHz,1V
LK-Inductance	LK(3,4-1,2) Tie 7,8,9,10,11,12	1.0uH MAX.	at 250kHz,1V
DCR	R(3,4-1,2)	80mΩ MAX.	at 25℃
	R(10,9-7,8)	12mΩ MAX.	
	R(6-5)	120mΩ MAX.	
	R(12-11)	120mΩ MAX.	
Turns Ratio	(3,4-1,2):(10,9-7,8):(6-5):(12-11)	18:6:5:5;±3%	at 250kHz,1V
Hi-Pot	PRI.TO SEC.	1500VAC	5mA.3Sec
	WIN. TO CORE	500VAC	5mA.3Sec

EP7 SERIES

Push-Pull Transformers



- Low Noise, 1 A, 1 MHz Push-Pull DC/DC Driver with Duty Cycle Control
- Hipot: 500 Vrms,1 minute between primary and secondary
- Three output power versions:
  1W (12V, 0.083A), 5W (5V, 1A), and 10W (12V, 0.83A)
- Core material:Ferrite
- RoHS compliant
- Ambient temperature –40°C to +85°C
- Maximum part temperature +125°C (ambient + temp rise)
- Storage temperature Component: –40°C to +125°C.
  Tape and reel packaging: –40°C to +80°C
- Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Part number	Input voltage (V)	Primary inductance (µH) min	Primary inductance (µH) max	Leakage inductance max (µH)	DCR max[4] (Ohms) pri	DCR max[4] (Ohms) sec	Turns ratio pri:sec	Output
YETEP7-20001T	5.0	139	232	0.520	0.205	1.78	1 : 3.46	12 V, 0.083 A
YETEP7-20002T	5.0	29.7	49.5	0.190	0.045	0.067	1 : 1.5	5 V, 1.0 A
YETEP7-20003T	12	82.5	137.5	0.336	0.065	0.072	1 : 1.4	12 V, 0.83 A

1. When ordering, specify a packaging code:
YETEP7-20001T
Packaging: T = 13″ machine ready reel. EIA-481 embossed plastic tape.
B= In bulk or Quantities less than full reel available: in tape (not machine ready) or with leader and trailer ($25 charge).

2. Inductance is for Pri A measured on an Agilent/HP 4284 at 100 kHz, 0.1 Vrms, 0 Adc.

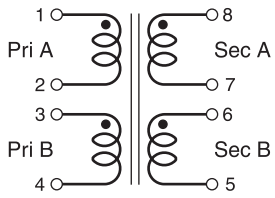
3. Leakage inductance measured between pins 1 and 4 at 100 kHz, 0.1 Vrms, 0 Adc with pins 2 and 3 connected and with secondary pins shorted.

4. DCR for the scondary is for each winding.

5. Volt-time product is for Primary A, based on 2000 Gauss.

6. Turns ratio is with the primary windings and secondary windings connected in series.

7. Electrical specifications at 25°C.

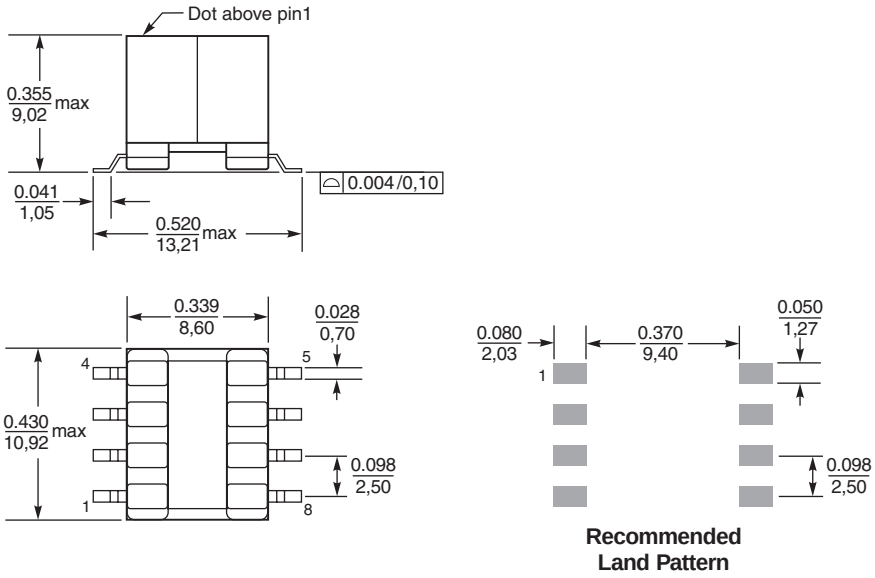


Primary windings and secondary windings to be connected in series on the PC board

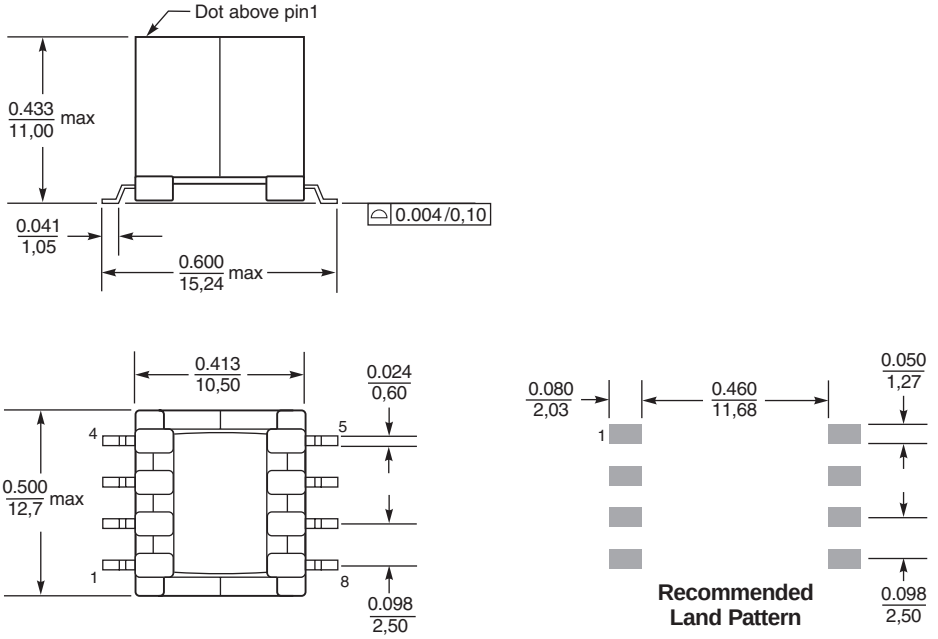
This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

Push-Pull Transformers

YETEP7-20001T/YETEP7-20002T



YETEP7-20003T



Dimensions are in $\frac{\text{inches}}{\text{mm}}$

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

EP13 SERIES

Flyback Transformers

- Flyback transformers
- Hi-pot:1500 Vrms, 1 minute between pri. and sec.
- Terminations: RoHS tin-silver-copper over tin over nickel over phos bronze.
- Ambient temperature: –40°C to +85°C
- Max Part Temperature: +125°C (ambient + temperature rise)
- Storage temperature: Component: –40°C to +125°C
  Tape and reel packaging: –40°C to +80°C
- Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Part number	Inductance at 0 A ±10% (µH)	DCR max (Ohms) pri	DCR max (Ohms) sec	Leakage inductance max (µH)	Turns ratio pri : sec	Isolation (Vrms)	Power (W)	Output
8 – 28 V input								
YETEP13-20001T	4.0	0.0156	0.0144	0.15	1: 0.70	1500	12	5 V, 2.4A
YETEP13-20002T	4.0	0.0156	0.0598	0.12	1:1.60	1500	12	12 V, 1A
YETEP13-20003T	4.0	0.0156	0.1900	0.12	1: 3.14	1500	12	24 V, 0.5A
18 – 60 V input								
YETEP13-20004T	20.0	0.0360	0.0120	0.40	1:0.31	1500	12	5V, 2.40A
YETEP13-20005T	20.0	0.0380	0.0540	0.28	1:0.71	1500	12	12V, 1.0A
YETEP13-20006T	20.0	0.0360	0.1950	0.28	1:1.39	1500	12	24V, 0.50A

1. Packaging: T = 13″ machine-ready reel. EIA-481 embossed plastic tape.
   B = In bulk or Less than full reel. In tape, but not machine ready.
   To have a leader and trailer added ($25 charge), use code letter D instead.

2. Inductance is for the primary, measured at 150 kHz, 0.1 Vrms, 0 Adc.

3. DC current that causes the primary inductance drop 30% from its value without current.

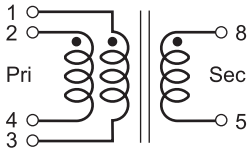
4. Leakage Inductance is for the primary, measured with secondary windings shorted together.

5. 1500 Vrms, one minute isolation (hipot) between windings.

6. Electrical specifications at 25°C.

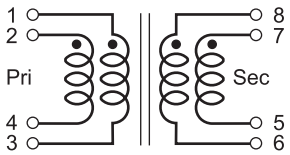
Schematics

YETEP13-20001/2/3T



*Connect pin 1 to 2 and pin 3 to 4 on the PC board

YETEP13-20004/5/6T

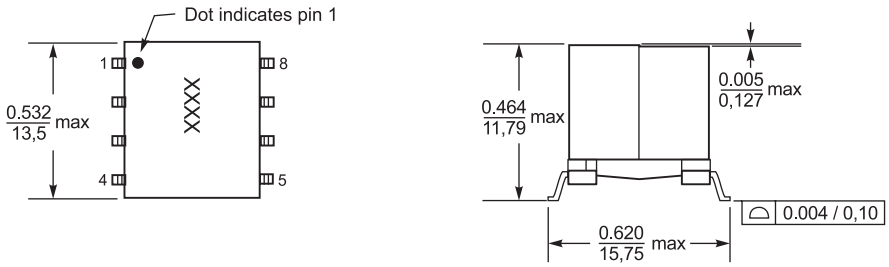


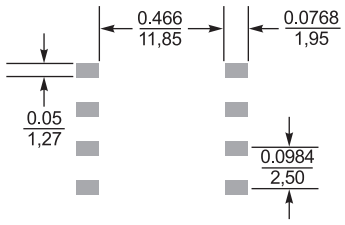
*Connect pin 1 to 2, 3 to 4, 5 to 6, and pin 7 to 8 on the PC board

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

Flyback Transformers

Dimensions





Recommended Land Pattern

Dimensions are in $\frac{\text{inches}}{\text{mm}}$

Packaging 200/13″ reel Plastic tape: 32 mm wide, 0.50 mm thick, 24 mm pocket spacing, 12 mm pocket depth

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

SMT Power Transformers

• Center tapped primary and secondary windings • 2500 Vrms, one minute interwinding isolation.

• Core material： Ferrite
• Terminations： ROHS compliant
• Weight： 0.94 – 1.0 g
• Ambient temperature： –40°C to +125°C
• Storage temperature：Component: –40°C to +125°C.
Tape and reel packaging: –40°C to +80°C
• Resistance to soldering heat：Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Part number	Pri/sec voltage	Inductance min (µH)	DCR max (Ohms) pri	DCR max (Ohms) sec	Leakage inductance max (µH)	Power (W)	Turns ratio pri : sec
YETER9.5-20001T	5 V to 6 V	45.6	0.130	0.260	1.0	7.2	1 : 1.5
YETER9.5-20002T	3.3 V to 6 V	17.8	0.086	0.232	0.43	7.2	1 : 2.2

1. When ordering, please specify packaging codes:
YETER9.5-20001T
Packaging: T = 13″ machine ready reel. EIA-481 embossed plastic tape (600 per full reel).
B = In bulk or Less than full reel.

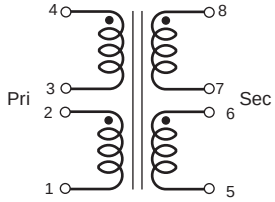
2. Inductance is tested between pins 4 and 3 at 500 kHz, 0.5 Vrms, 0 Adc.

3. DCR is per winding.

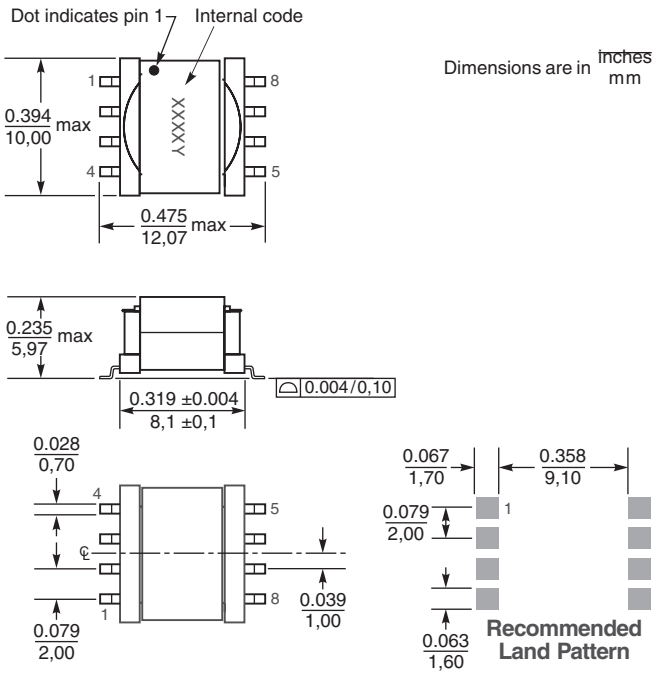
4. Leakage inductance is for the primary with both windings connected in series and with the secondary windings shorted.

5. Calculated output power based on 150 kHz operating frequency.Power varies depending on application.

7. Electrical specifications at 25°C.



Primary windings and secondary windings to be connected in series on the PC board.

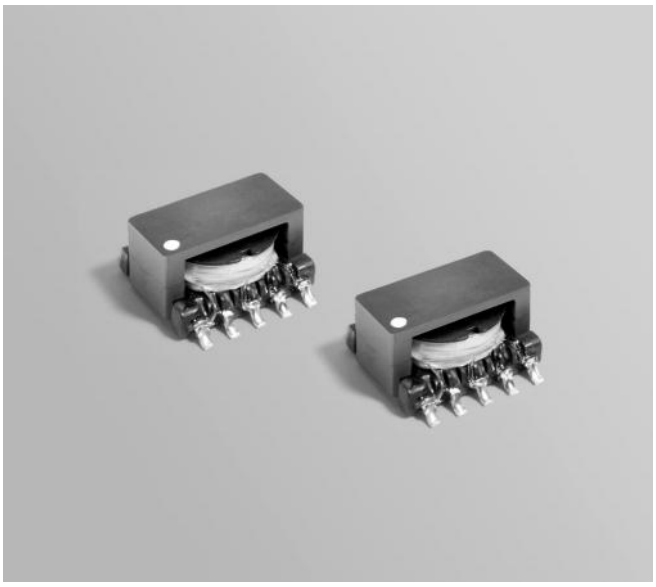


Packaging 600/13″ reel Plastic tape: 24 mm wide, 0.37 mm thick, 16 mm pocket spacing, 6.1 mm pocket depth

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

ER11 TYPE

Flyback Transformer

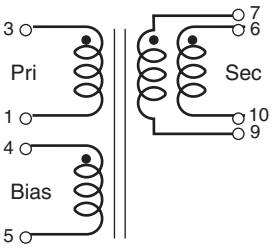


- Designed for discontinuous conduction mode, 34 – 57 V input
- Hipot:1500 Vrms ,1minute between primary and secondary windings

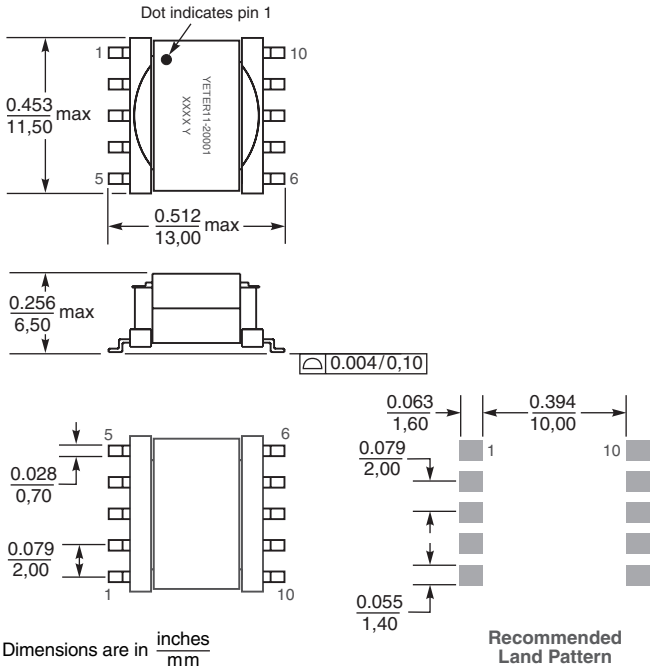
- Core material:Ferrite
- Terminations:RoHS compliant.
- Ambient temperature:–40°C to +125°C
- Storage temperature:Component: –40°C to +125°C.
  Tape and reel packaging: –40°C to +80°C
- Resistance to soldering heat:Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles
- Packaging:500 per 13″ reel Plastic tape: 24 mm wide, 0.36 mm thick, 16 mm pocket spacing, 6.13 mm pocket depth

Part number	Inductance at 0 Adc ±10% (µH)	DCR max (Ohms)	Leakage Inductance max (µH)	Turns ratio pri : sec	Turns ratio pri : bias	Ipk (A)	Output
YETER11-20001T	50	0.185 (pins 3 – 1) 0.030 (pins 6 – 10) 0.030 (pins 7 – 9) 0.385 (pins 4 – 5)	1.10	1 : 0.166	1 : 0.5	1.22	3.3 V, 1.5A

1. When ordering, please specify packaging code:
YETER11-20001T
Packaging: T = 13″ machine ready reel. EIA-481 embossed plastic tape (500 per full reel).
B = In bulk or Less than full reel. In tape, but not machine ready.To have a leader and trailer added ($25 charge), use code letter
D instead.
2. Inductance is for the primary, measured at 250 kHz, 0.3 Vrms.
3. Peak primary current drawn at minimum input voltage.
4. Leakage inductance is for the primary winding with the secondary wind-
ings shorted.
5. Turns ratio is with the secondary windings connected in parallel.
6. Output of the secondary is with the windings connected in parallel. Bias winding output is 10 V.
7. Electrical specifications at 25°C.



Secondary windings to be connected in parallel on the PC board.



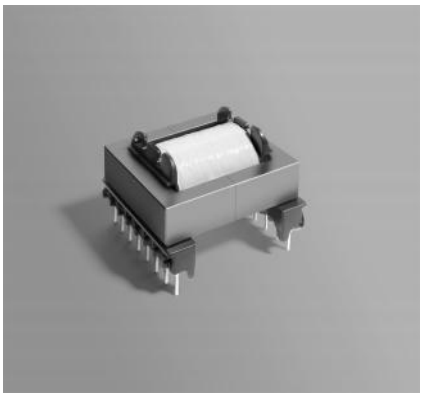
Dimensions are in inches / mm

Recommended Land Pattern

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

ER35 TYPE

Flyback Transformer

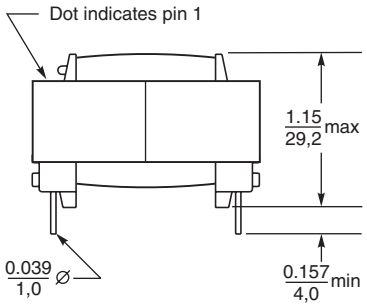


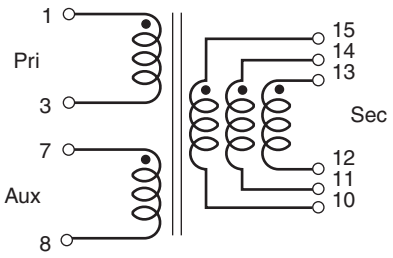
- Designed for 80~90 Watt applications
- Operates in discontinuous conduction mode with an input of 85 – 265 Vac, 1.20 Arms maximum
- Hipot 3000 Vrms between primary + auxiliary and secondary

- **Core material** Ferrite
- RoHS compliant
- **Ambient temperature** –40°C to +125°C
- **Storage temperature** Component: –40°C to +125°C. Tray packaging: –40°C to +80°C
- **Packaging** in tray

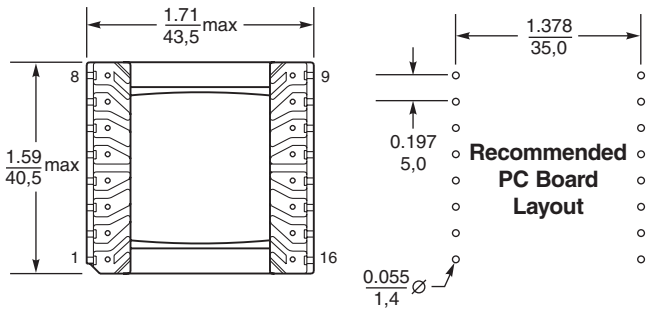
Part number	Inductance at 0 A ±10% (µH)	DCR max (Ohms) pri	aux	sec	Leakage inductance max (µH)	Turns ratio pri : aux	pri : sec	Ipk (A)	Output
YETER35-20001B	310	0.210	0.073	0.0053	7.45	1:0.118	1:0.147	3.1	19.5 V, 4.6 A

1. Inductance measured at 100 kHz, 1.1 Vrms, 0 Adc using an Agilent/ HP 4263B impedance analyzer or equivalent.
2. DCR for the secondary is with the windings connected in parallel.
3. Turns ratio is with the secondary windings connected in parallel.
4. Output of the auxiliary winding is 16 V, 20 mA.
5. Electrical specifications at 25°C.





Secondary windings to be connected in parallel on the PC board

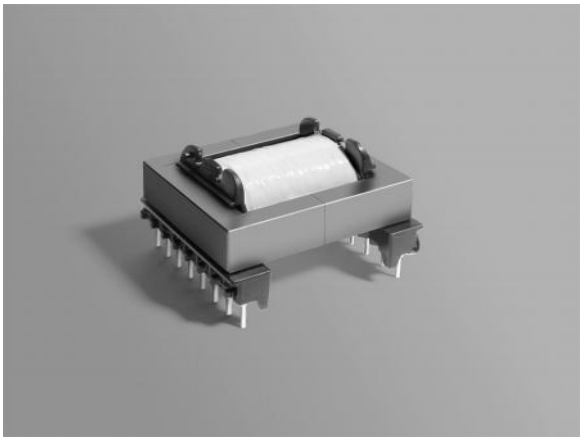


Dimensions are in inches / mm

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

ER40 TYPE

Flyback Transformer

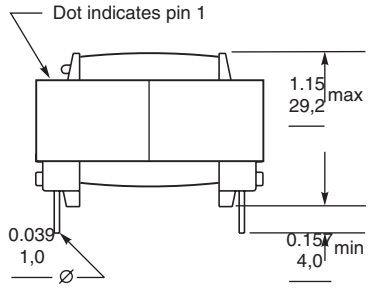


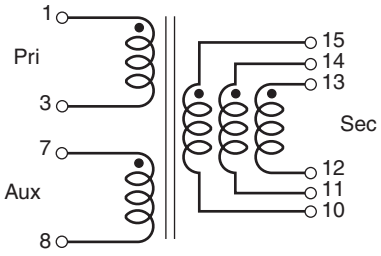
- Designed for 90 Watt applications
- Operates in discontinuous conduction mode with an input of 85 – 265 Vac, 1.28 Arms maximum
- Hipot: 3000 Vrms1minutes between primary + auxiliary and secondary

- Core material Ferrite
- RoHS compliant
- Ambient temperature –40°C to +125°C
- Storage temperature Component: –40°C to +125°C.
- Tray packaging: –40°C to +80°C

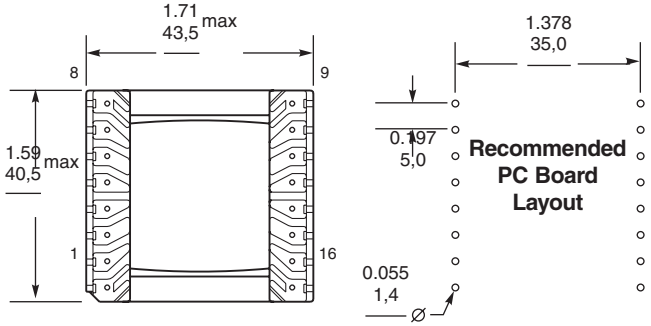
Part number	Inductance at 0 A ±10% (µH)	DCR max (Ohms) pri	aux	sec	Leakage inductance max (µH)	Turns ratio pri : aux	pri : sec	Ipk (A)	Output
YETER40-20001B	300	0.210	0.073	0.005	3 7.45	1 : 0.118	1 : 0.147	3.1	19.5 V, 4.62 A

1. Inductance measured at 100 kHz,1.1Vrms, 0Adc using an Agilent/ HP 4263B impedance analyzer or equivalent.
2. Peak primary current drawn at minimum input voltage.
3. DCR for the secondary is with the windings connected in parallel.
4. Turns ratio is with the secondary windings connected in parallel.
5. Output of the auxiliary winding is 16 V, 20 mA.
6. Electrical specifications at 25°C.





Secondary windings to be connected in parallel on the PC board

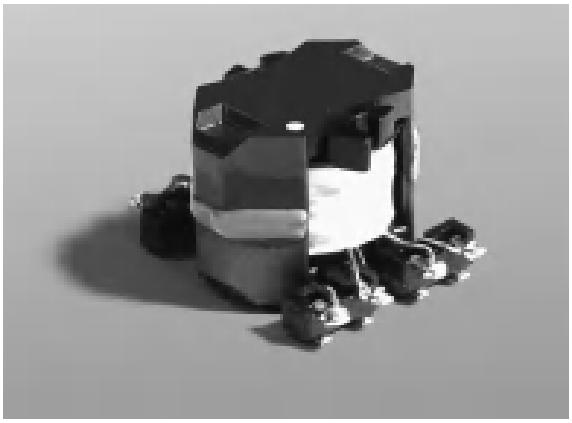


Dimensions are in inches / mm

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

RM TYPE - RM6

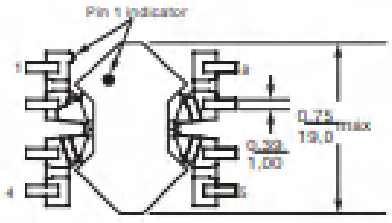
Flyback Transformer

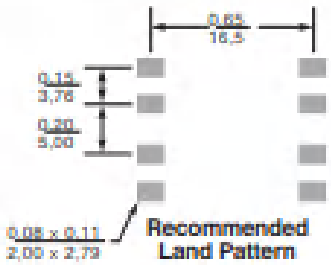


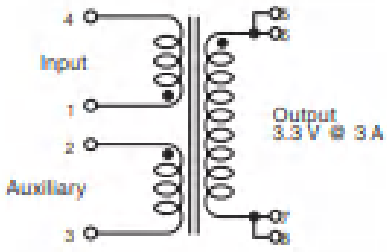
. This surface mount flyback transformer
. The core completely encloses the windings to minimize EMI interference.
. Very low DCR.
. 500 Vrms isolation
. The leakage inductance rating of just 1.0 µH.
YETcan also custom engineer a transformer to meet your specific requirements.
. Core material Ferrite
. RoHS compliant.
. Ambient temperature –40°C to +85°C
. Storage temperature Component: –40°C to +85°C.
Tape and reel packaging: –40°C to +80°C . Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

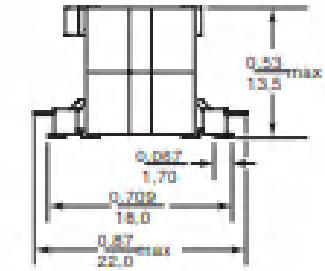
Part number	Inductance ±20% (µH) Pins 1 – 4	Pins 2 – 3	Input voltage (V)	Output	DCR max (Ohms)	Leakage Inductance max (µH)	Turns ratio in : out : aux	Isolation (Vrms)
YETRM6-20001B	100	100	18 – 55	3.3 V @ 3 A	0.150 (1 – 4) 0.150 (2 – 3) 0.012 (5,6 – 7,8)	1.0	1 : 0.33 : 1	500

1. When ordering, please specify a packaging code: YETRM6-20001B
Packaging: D = 13″ machine ready reel. EIA-481 embossed plastic tape (150 per full reel).
B = In bulk or Less than full reel, in tape, but not machine ready. To have a leader and trailer added ($25 charge), use code letter D instead.
2. Inductance measured at 100 kHz, 0.1 Vrms, 0 Adc.
3. Leakage inductance measured at 100 kHz, 0.1 Vrms from pins 1 to 4 with all other pins shorted.
4. Isolation measured from pin 1 to pins 5 and 6; from 2 to 5 and 6; and from pins 1, 2, 5 and 6 to the core for one minute.
5. Electrical specifications at 25°C.







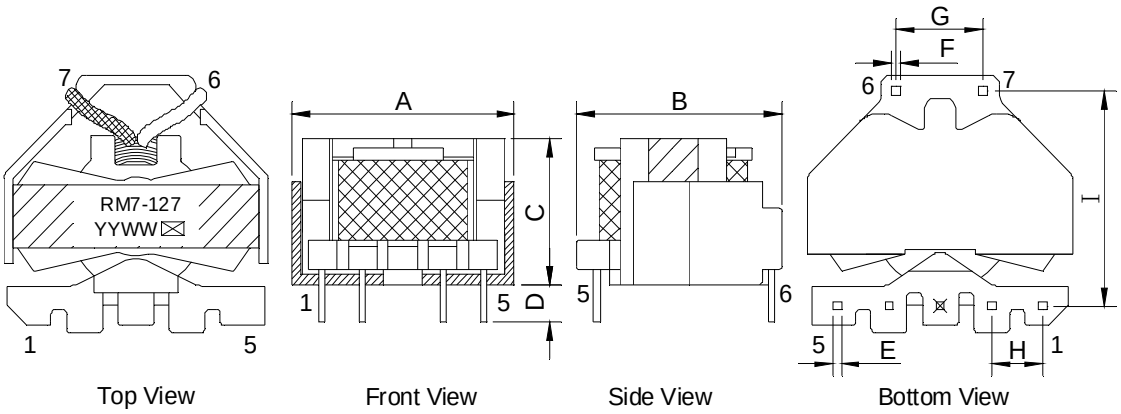


Dimensions are in inches / mm

RM TYPE - RM7

Product Specification

1.Physical Dimensions (Unit:mm)



A 24.0MAX.
B 22.0MAX.
C 15.5MAX.
D 3.5±0.5
E □0.6±0.1
F □0.8±0.2
G 7.5±0.3
H 4.0±0.3
I 17.6±0.5

Notes:

*Marking type is laser printing or label

*YY: Year Code; WW: Week Code

* ☒ :When making samples, S is used to represent the product is a sample.

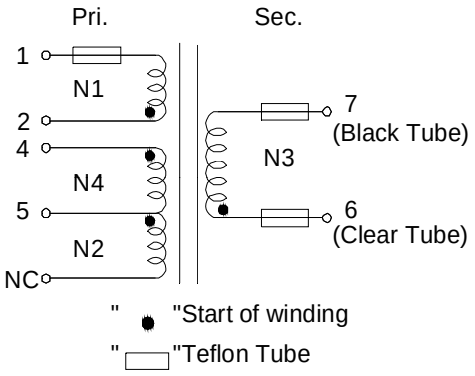
* ☒ :Use different letters or numbers to represent the products are produced from different production lines .

*Size D not including soldering tags

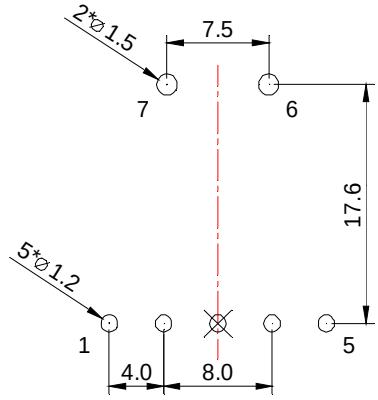
*Removed the Pin 3 in the bobbin.

*The center pillar of the cores need to be fixed by epoxy, the product and the shell need to be fixed by epoxy.

2. Connection



3.Recommended Pad Layout (Unit:mm)

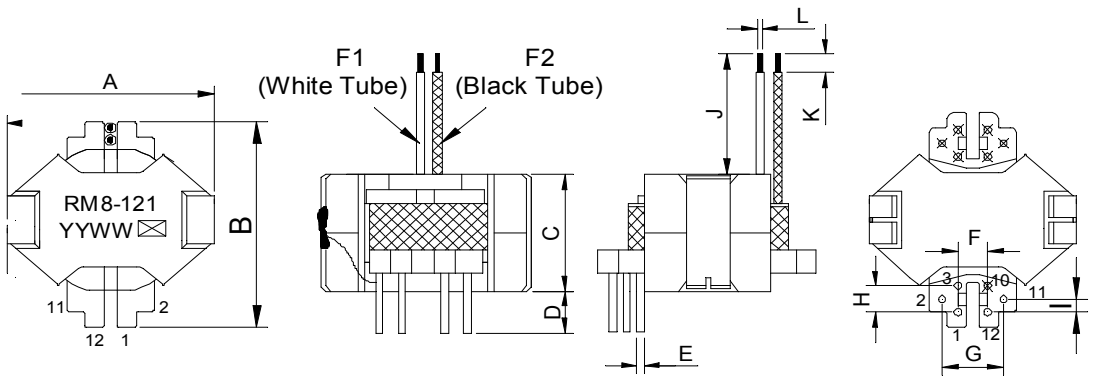


Items	Winding	Specifications	Test Conditions
Inductance	L(2-1)	850uH±7%	at 10kHz,1Vrms
LK-Inductance	LK(2-1) Tie other	80uHMAX.	at 10kHz,1Vrms
DCR	R(2-1)	0.7ΩMAX.	at 25℃
	R(4-5)	148mΩMAX.	
	R(6-7)	71mΩMAX.	
Turn raito	(2-1):(6-7):(4-5)	72:9:10;±3%	at 100kHz,1Vrms
Insulation Resistance	PRI. TO SEC.	100MΩ MIN.	500VDC
	SEC. TO Core	100MΩ MIN.	500VDC
Hi-Pot	PRI. TO SEC.	3000VAC	10mA.60Sec (Applied to laboratories)
	PRI. TO SEC.	4000VAC	5mA.3Sec (Applied to production)
	SEC. TO Core	4000VAC	5mA.3Sec
	PRI. TO PRI.	1000VAC	5mA.3Sec

RM TYPE - RM8

Product Specification

1.Physical Dimensions (Unit:mm)



A	26.5MAX.
B	26.5MAX.
C	12.5MAX.
D	3.0±0.5
E	0.6±0.1
F	3.6±0.3
G	7.2±0.5
H	3.6±0.3
I	1.8±0.3
J	25.0±3.0
K	5.0±2.0
L	1.5MAX.

Notes:

(1).Marking type is laser printing

(2).YY: Year Code; WW: Week Code

(3). ☒ :When making samples, S is used to represent the product is a sample.

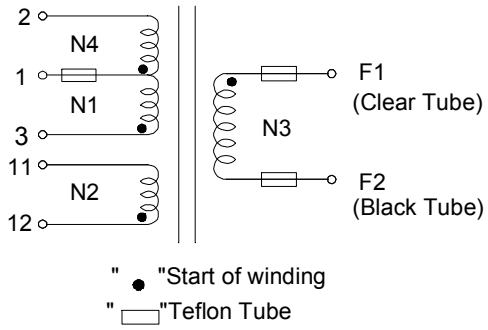
(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .

(5). Pin 4,5,6,7,8,9,10 cut off.

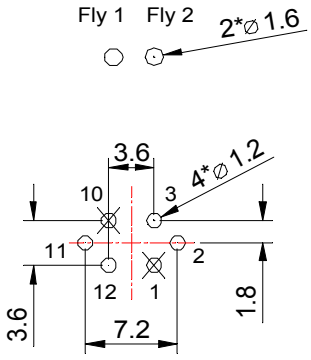
(6).For Pin1, the remaining part of the pin after winding should be cut off.

(7).Size D not including soldering tags

2. Connection



3.Recommended Pad Layout (Unit:mm)

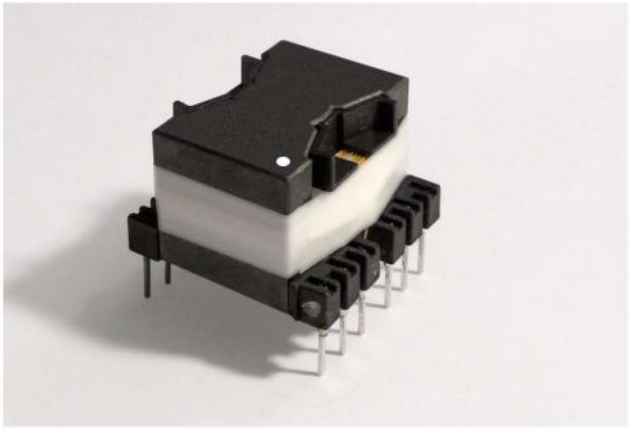


Electrical Characteristics

Items	Winding	Specifications	Test Conditions
Inductance	L(3-2)	905uH±10%	at 100kHz,0.1Vrms
LK-Inductance	LK(3-2) Tie other	30uHMAX.	at 100kHz,0.1Vrms
DCR	R(3-2)	875mΩ MAX.	at 25℃
	R(12-11)	50mΩ MAX.	
	R(F1-F2)	20mΩ MAX.	
Turns Ratio	(3-2):(12-11):(F1-F2)	47:8:4;±3%	at 100kHz,0.1Vr
Hi-Pot	Pri. To Sec.	3000VAC	2mA.60SEC.
	Win. To Core	1500VAC	2mA.60SEC.

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

PQ SERIES TRANSFORMER

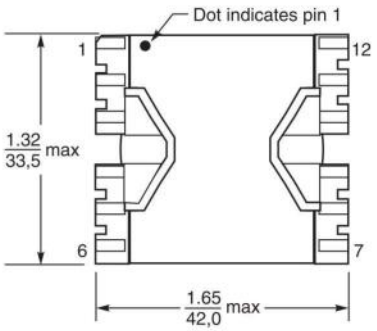


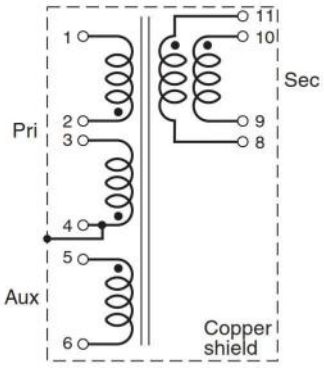
- Flyback transformer for 65W Off-Line AC/DC Adapter
- Hipot 3000 Vrms, 1 minute between primary to secondary
- Copper shield minimizes EMI radiation

- Core material Ferrite
- Terminations RoHS tin-silver over tin over copper over steel. Other terminations available at additional cost.
- Ambient temperature –40°C to +85°C with (40°C rise) Irms current
- Maximum part temperature +125°C. (ambient + temp rise).
- Storage temperature Component: –40°C to +125°C.
  Tray packaging: –40°C to +125°C

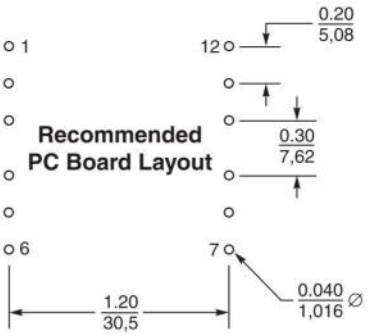
Part number	Inductance at 0 A ±10% (µH)	DCR max (Ohms) pri	sec	aux	Leakage inductance max (µH)	Turns ratio pri:sec:aux	Ipk (A)	Output
YETPQ32-20001B	560	0.198	0.007	0.236	5.6	1:0.188:0.156	2.8	19 V, 3.5 A

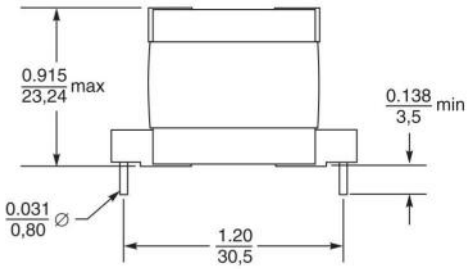
1. Inductance is measured at 50 kHz, 0.1 Vrms.
2. DCR is with the primary windings connected in series and the secondary windings connected in parallel.
3. Leakage inductance is for both windings of the primary with the secondary windings shorted.
4. Turns ratios are with the primary windings connected in series and the secondary windings connected in parallel.
5. Output is with the secondary windings connected in parallel. Output of the aux winding is 15.5V V, 20 mA.
6. Electrical specifications at 25°C.





Primary windings to be connected in series and secondary windings to be connected in parallel on PC board.





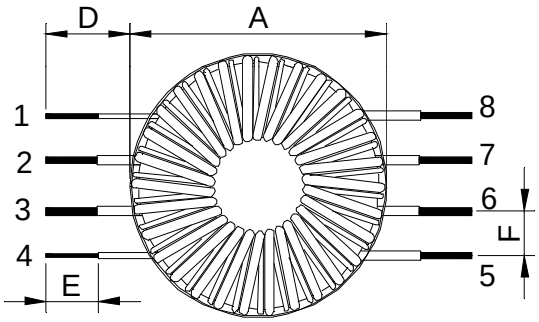
Dimensions are in inches / mm

This product is not authorized for use in any application related to safety.
Specification subject to change without notice.Please check web site for latest information.

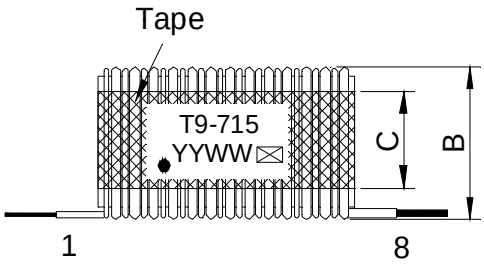
TOROIDAL TRANSFORMER

T9-715 Product Specification

1.Physical Dimensions (Unit:mm)



Bottom View



Front View

A 12.0MAX.
B 5.3MAX.
C 2.8±0.2
D 3.5±0.5
E 1.0~2.5
F 1.5REF.

Notes:

(1)，Marking type is laser printing or waterproof label

(2)，YY: Year Code; WW: Week Code

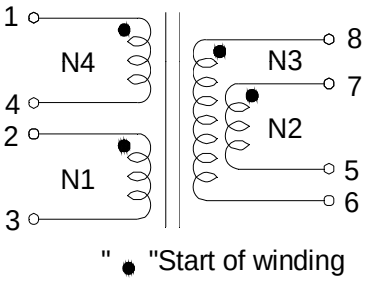
(3)， ☒ :When making samples, S is used to represent the product is a sample.

(4)， ☒ :Use different letters or numbers to represent the products are produced from different production lines .

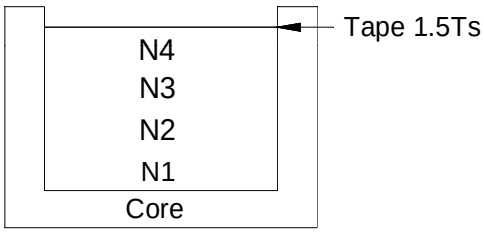
(5)，The ends of all lead wires shall be aligned

(6)，Ensure the lead wires are spaced , can't be joined together

2. Connection



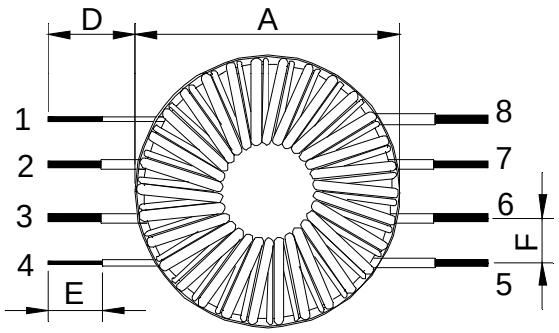
3.Structure of Products



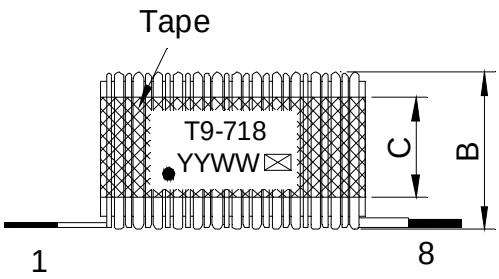
Items	Winding	Specifications	Test Conditions
Inductance	L(1-4)	290uH±30%	at 100kHz,0.05V
	L(2-3)	1755uH±30%	
	L(7-5)	386uH±30%	
	L(8-6)	386uH±30%	
LK-Inductance	LK(2-3) Tie5,6,7,8	1uH MAX	at 100kHz,0.05V
DCR	R(1-4)	109mΩ±20%	at 25℃
	R(2-3)	70mΩ±20%	
	R(7-5)	42mΩ±20%	
	R(8-6)	42mΩ±20%	
Turns Ratio	(2-3):(7-5):(8-6):(1-4)	32:15:15:13;±3%	at 20kHz,1V
Hi-Pot	Pri. to Sec.	2000VDC	0.5mA,1Sec
	Win. to Core	500VDC	

T9-718 Product Specification

1.Physical Dimensions (Unit:mm)



Bottom View



Front View

A 12.0MAX.
B 5.3MAX.
C 2.8±0.2
D 3.5±0.5
E 1.0~2.5
F 1.5REF.

Notes:

(1)，Marking type is laser printing or waterproof label

(2)，YY: Year Code; WW: Week Code

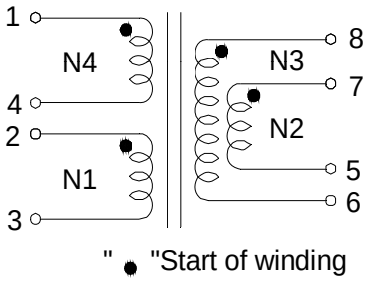
(3)， ☒ :When making samples, S is used to represent the product is a sample.

(4)， ☒ :Use different letters or numbers to represent the products are produced from different production lines .

(5)，The ends of all lead wires shall be aligned

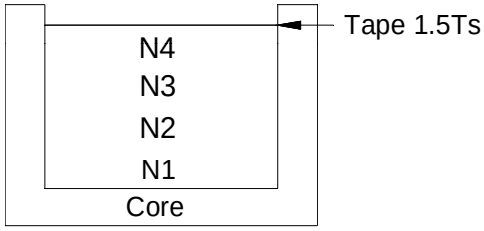
(6)，Ensure the lead wires are spaced , can't be joined together

2. Connection



" ● "Start of winding

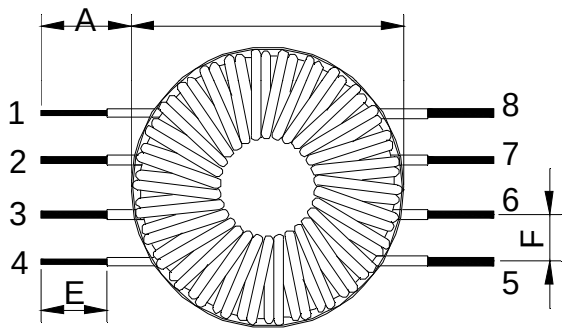
3.Structure of Products



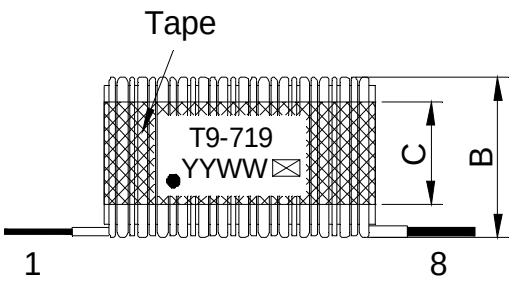
Items	Winding	Specifications	Test Conditions
Inductance	L(1-4)	290uH±30%	at 100kHz,0.05V
	L(2-3)	336uH±30%	
	L(7-5)	2221uH±30%	
	L(8-6)	2221uH±30%	
LK-Inductance	LK(2-3) Tie5,6,7,8	1uH MAX	at 100kHz,0.05V
DCR	R(1-4)	109mΩ±20%	at 25℃
	R(2-3)	22mΩ±20%	
	R(7-5)	180mΩ±20%	
	R(8-6)	180mΩ±20%	
Turns Ratio	(2-3):(7-5):(8-6):(1-4)	14:36:36:13;±3%	at 20kHz,1V
Hi-Pot	Pri. to Sec.	1700VDC	0.5mA,1Sec
	Win. to Core	500VDC	

T9-719 Product Specification

1.Physical Dimensions (Unit:mm) D



Bottom View



Front View

A 12.0MAX.
B 5.3MAX.
C 2.8±0.2
D 3.5±0.5
E 1.0~2.5
F 1.5REF.

Notes:

(1)，Marking type is laser printing or waterproof label

(2)，YY: Year Code; WW: Week Code

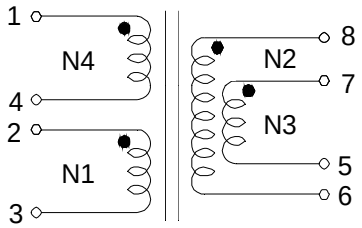
(3)， ☒ :When making samples, S is used to represent the product is a sample.

(4)， ☒ :Use different letters or numbers to represent the products are produced from different production lines .

(5)，The ends of all lead wires shall be aligned

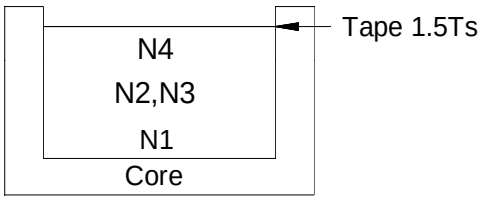
(6)，Ensure the lead wires are spaced , can't be joined together

2. Connection



" ● "Start of winding

3.Structure of Products

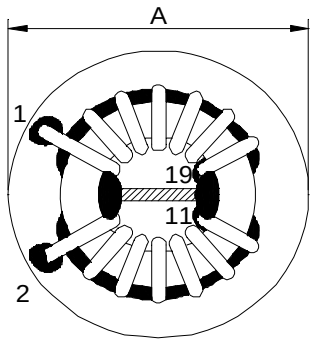


Items	Winding	Specifications	Test Conditions
Inductance	L(1-4)	386uH±30%	at 100kHz,0.05V
	L(2-3)	1755uH±30%	
	L(7-5)	987uH±30%	
	L(8-6)	987uH±30%	
LK-Inductance	LK(2-3)	1.0uH MAX.	at 100kHz,0.05V
DCR	R(1-4)	112mΩ±20%	at 25℃
	R(2-3)	94mΩ±15%	
	R(7-5)	74mΩ±15%	
	R(8-6)	74mΩ±15%	
Turns Ratio	(2-3):(7-5):(8-6):(1-4)	32:24:24:15;±3%	at 20kHz,1V
Hi-Pot	Pri. to Sec.	1500VDC	0.5mA,1Sec

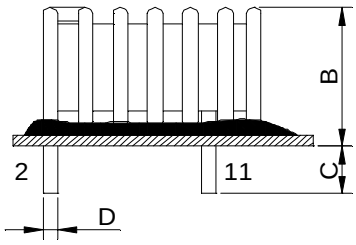
TOROIDAL TRANSFORMER

T25-740 Product Specification

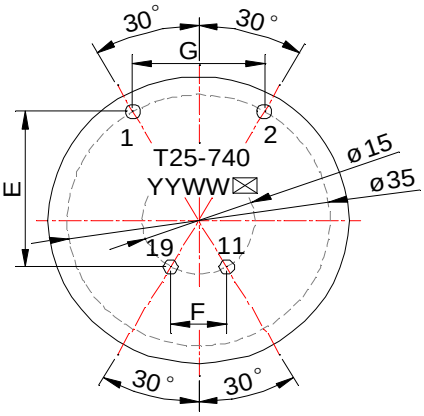
1.Physical Dimensions (Unit:mm)



Top View



Front View



Bottom View

A 40.5MAX.
B 21.5MAX.
C 4.0±1.0
D 2.0±0.1
E 21.65±0.5
F 7.5±0.5
G 17.5±0.5

Notes:

(1). Marking type is laser printing

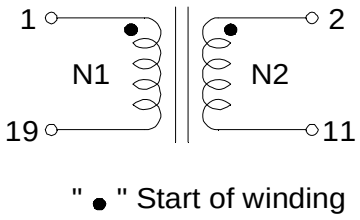
(2). YY: Year Code; WW: Week Code

(3). ☒ :When making samples, S is used to represent the product is a sample.

(4). ☒ :Use different letters or numbers to represent the products are produced from different production lines .

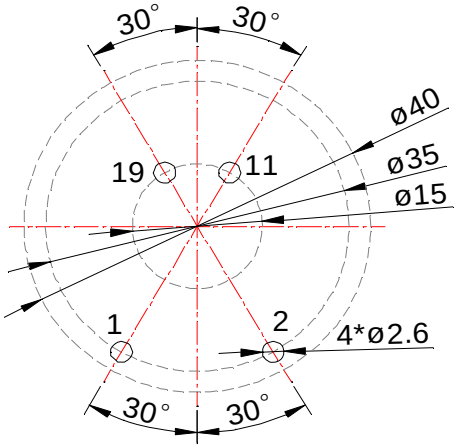
(5). Size C not including soldering tags

2.Connection



" ● " Start of winding

3.Recommended Pad Layout (Unit:mm)



Items	Winding	Specifications	Test Conditions
Inductance	L(1-19)	3.8mH±45%	at 10kHz,0.01V
	L(2-11)	3.8mH±45%	
DCR	R(1-19)	2.9mΩ MAX.	at 25℃
	R(2-11)	2.9mΩ MAX.	
Turns Ratio	(1-19):(2-11)	1:1;±5%	at 20kHz,1V
Hi-Pot	Win.To Win.	1500VAC	5mA.3Sec