



TRANSFORMERS & INDUCTORS

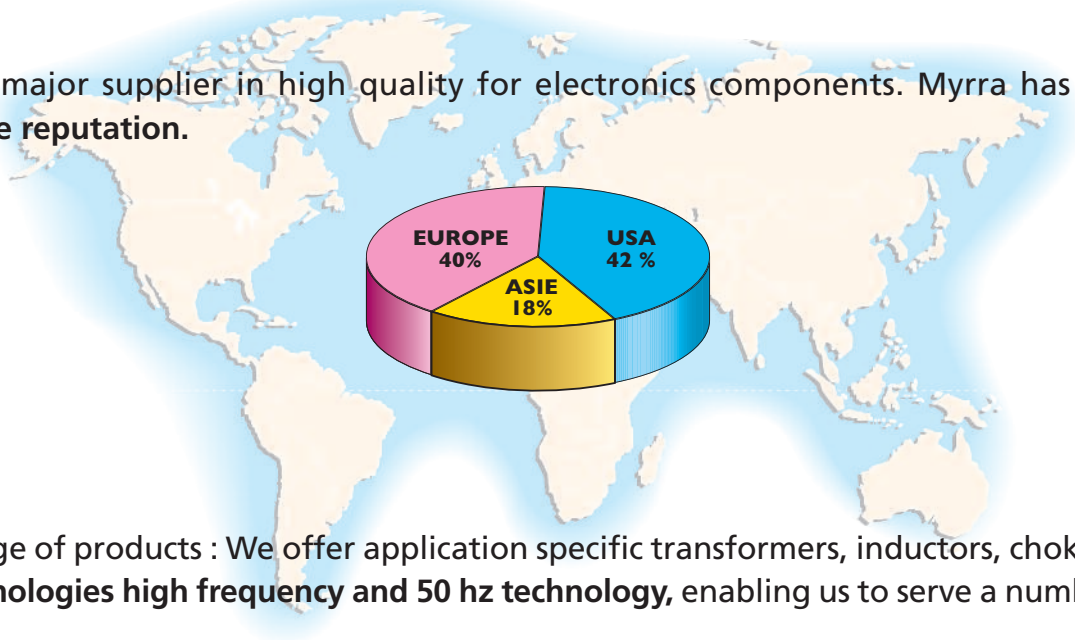


MYRRA
...Of course!

www.atd-elektronik.cz
www.atd-shop.com

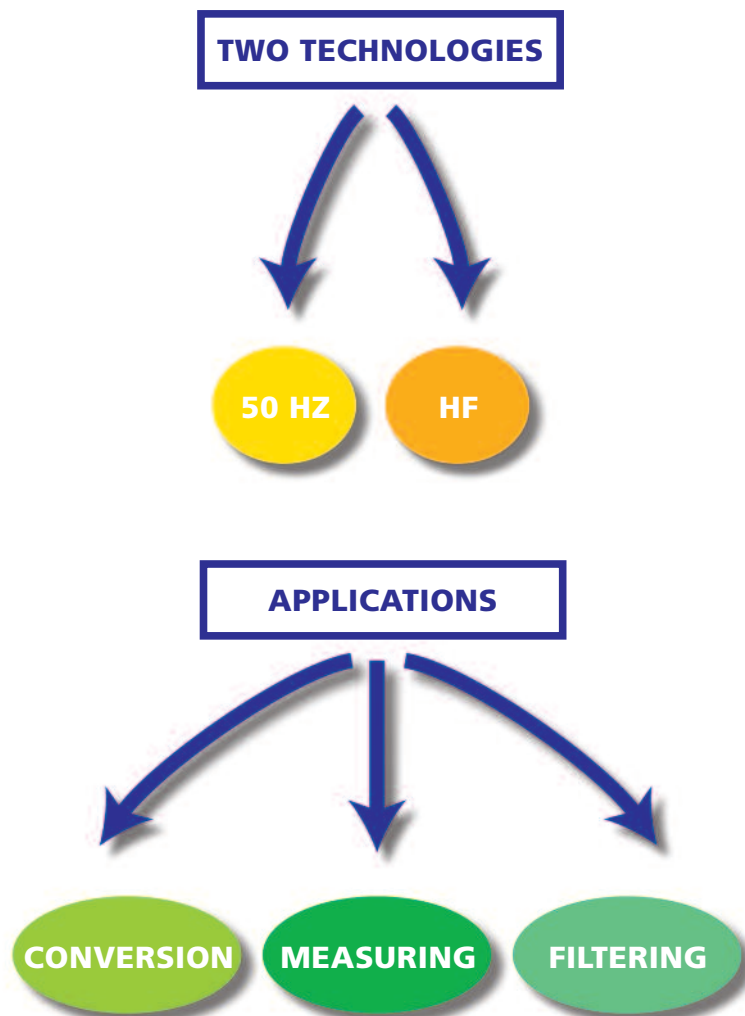
COMPANY PROFILE

Myrra is a major supplier in high quality for electronics components. Myrra has established a worldwide reputation.



A wide range of products : We offer application specific transformers, inductors, chokes and coils, in two technologies high frequency and 50 hz technology, enabling us to serve a number of major markets.

MAGNETICS PRODUCTS





PRODUCT LINES



PCB MAGNETIC COMPONENTS



Encapsulated 50Hz transformers (44 & 45 series)

- ★ Full range of standard references
- ★ Isolating safety application
- ★ UL, VDE, EN61558 certification
- ★ Automated - 100% tested production



Ferrites core transformers & inductors (74 series)

- ★ Large application range: flyback transformers, CM chokes etc
- ★ International standards compliant
- ★ Standard products and customized design

IT application inductors - THC & SMD type (75-79 series)



POWER RANGE transformers and chokes for specific applications



Lamination and ferrite core

- ★ Customized design on specification
- ★ Up to 50kVA for 1000V input range
- ★ Insulation systems: B, F, H classes
- ★ UL, IEC, CSA Compliant

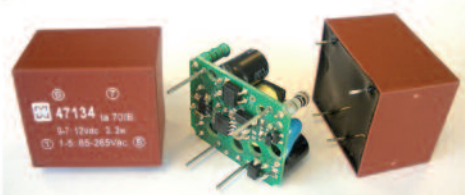


PCB and added value products assembly services



- ★ PCB assembly with in-house components
- ★ Added value products assembly
- ★ Mechanical -PCB combined Industrialisation & Integration

DC output embedded transformers (47 series)



- ★Pioneering alternative to linear transformers in AC/DC application
- ★E130 size - Input range: 85V-265VAC
- ★Regulated output: 5VDC-24VDC/ 2.5W-5W
- ★Full compliance with Safety, EMC and Immunity standards





ISO 9001 2008
ISO 14000



EN60950

EN61558-2-6

MYRRA FRANCE (HQ)

**MYRRA HISPANIA
(Com Trafo)**

MYRRA UK

MYRRA DEUTSCHLAND

MYRRA POLAND

MYRRA TUNISIA

MYRRA TURKEY

MYRRA HONG-KONG

MYRRA ZHONGSHAN (China)

MYRRA USA

YOUR CONTACT :

Name

Phone

Email



www.myrra.com



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MYRRA Part N°	CORE SIZE	Max. Output Power	Outputs				
		Watts	Vdc nominal voltage				
74000	E16	5w	5v	12v			
74001	E16	6w	5v				
74002	E16	6w	12v				
74003	E16	5w	3.3v	5v			
74010	E16	12w	5v	12v			
74014	E16	12w	24v	24v			
74015	E16	12w	5v	15v	24v		
74020	EL19	18w	5v	12v			
74021	EL19	18w	5v	12v			
74023	EL19	16w	3.3v	5v	12v	18v	30v
74030	E25	30w	5v	12v	12v		
74032	E25	35w	24v				
74040	ETD29	60w	5v	12v	5v	12v	
74043	ERL28	60w	3.3v	5v	12v	18v	30v
74050	ETD34	90w	5v	12v	5v	12v	
74060	ETD39	140w	5v	12v	5v	12v	
74070	ETD44	180w	5v	12v	5v	12v	
74080	EF20	24w	12v	12v			
74081	EF20	20w	3.3v	5v	12v		
74082	EF20	20w	5v	5v			
74090	E16	1.5w	5v				
74091	E16	1.5w	12v				
74092	E16	3.1w	5v				
74093	E16	3.1w	12v				
74094	E16	9w	5v				
74095	E16	9w	12v				

Note : "5 volts" outputs can generally be used for 3.3 to 6volts; "12 volts" outputs can be used for 9 to 16volts. See detailed characteristics.

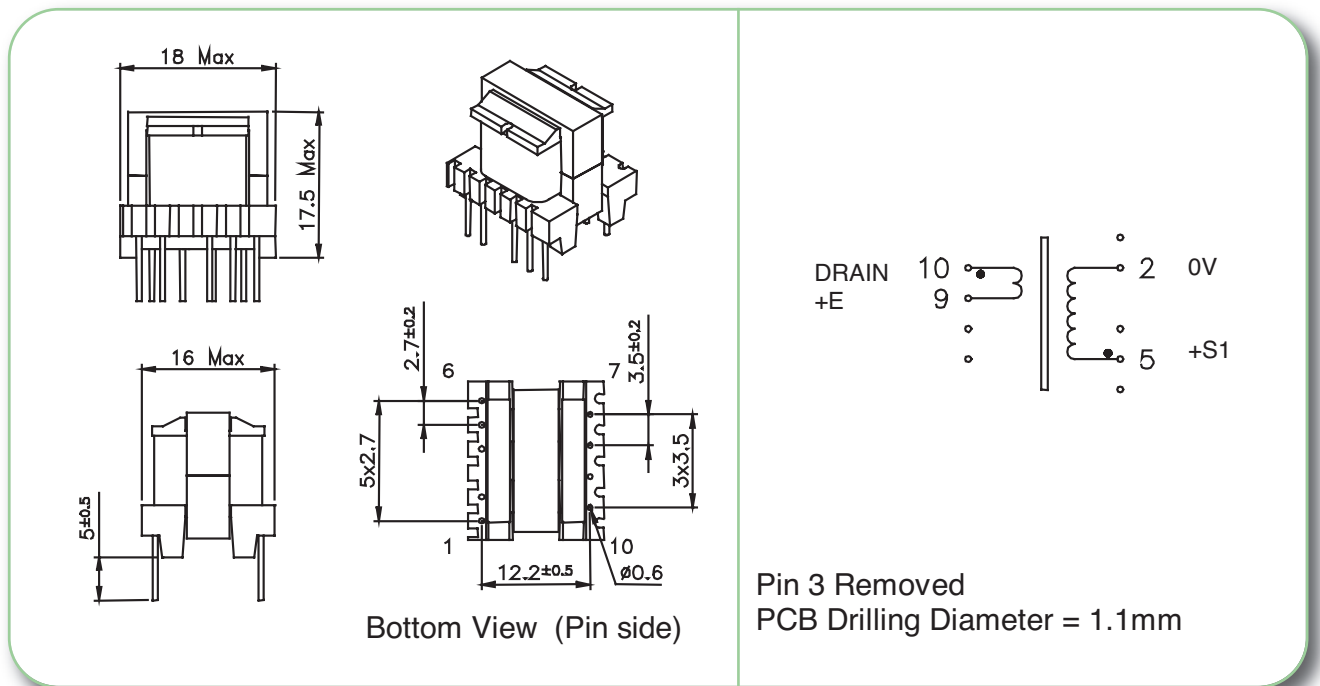


Transformer Reference		IC Manufacturer	Series & References
74090 74091 74092 74093 74094 74095	No aux. Winding	PI	TNY Series LNK XT Series

74000 74001 74002 74003 74004 74005 74010 74014 74015 74020 74021 74023 74080 74081 74082 74087 74088 74089 74030 74032 74040 74043 74050 74060 74070	With aux. Winding	ONSEMI	NCP 1014 NCP 3065 etc.
		PI	TOP Series LNK Series
		NXP	TEA1530 TEA1351 TEA3065 etc.
		ST	Viper Series
		FAIRCHILD	FAN102 FAN400 FSEZ130 FSEZ1213 etc.
		ON Bright	OB2535 OB2212 OB2361 etc.



- Primary / Secondary Insulation $\geq 4000V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 85^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74090	1.5 w	Pri	10 – 9	228	50 – 95 (VOR)	0.28 Apeak	6000µH
		S1	5 – 2	16	3.3 – 6 Vdc	0.4 Adc	
74091	1.5 w	Pri	10 – 9	228	65 – 130 (VOR)	0.28 Apeak	6000µH
		S1	5 – 2	28	7.5 – 15 Vdc	0.2 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74090	Power Integrations	85 - 265Vrms	1.5w	44kHz
74091	Power Integrations	85 - 265Vrms	1.5w	44kHz



- Primary / Secondary Insulation $\geq 4000V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 70^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74092	3.1 w	Pri	10 – 9	191	55 – 100 (VOR)	0.34 Apeak	4200µH
		S1	5 – 2	13	3.3 – 6 Vdc	0.9 Adc	
74093	3.1 w	Pri	10 – 9	191	65 – 125 (VOR)	0.34 Apeak	4200µH
		S1	5 – 2	24	7.5 – 15 Vdc	0.4 Adc	

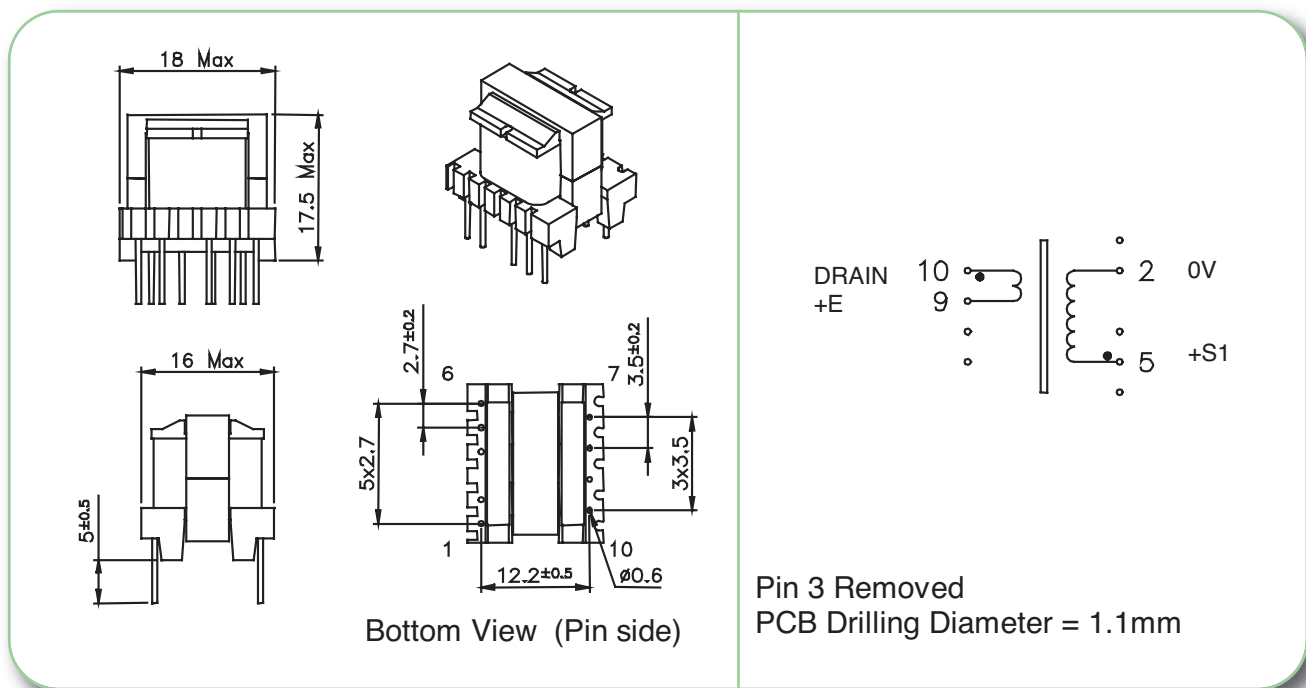
Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74092	Power Integrations	85 - 265Vrms	3.1w	44kHz
74093	Power Integrations	TNY25485 - 265Vrms	3.1w	44kHz

HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS



- Primary / Secondary Insulation $\geq 4000V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 60^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74094	9 w	Pri	10 – 9	135	55 – 100 (VOR)	0.48 Apeak	2100µH
		S1	5 – 2	9	3.3 – 6 Vdc	1.5 Adc	
74095	9 w	Pri	10 – 9	135	65 – 125 (VOR)	0.48 Apeak	2100µH
		S1	5 – 2	17	7.5 – 15 Vdc	0.9 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74094	Power Integrations	85 - 265Vrms	4.2w	44kHz
	Power Integrations	85 - 265Vrms	5w	132kHz
	Power Integrations	85 - 265Vrms	9w	132kHz
74095	Power Integrations	85 - 265Vrms	5w	44kHz
	Power Integrations	85 - 265Vrms	5w	132kHz
	Power Integrations	85 - 265Vrms	9w	132kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 70^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

18 Max
17.5 Max
16 Max
5±0.5
2.7±0.2
6
7
3.5±0.2
10
12.2±0.5
Ø0.6
3x3.5

+E 6
 DRAIN 4
 +AUX 2
 0V 1

7 +S2
 8 0V
 9 +S1
 10 0V

74000

PIN 3 Removed
PCB Drilling Diameter = 1.1mm

Bottom View (Pin side)

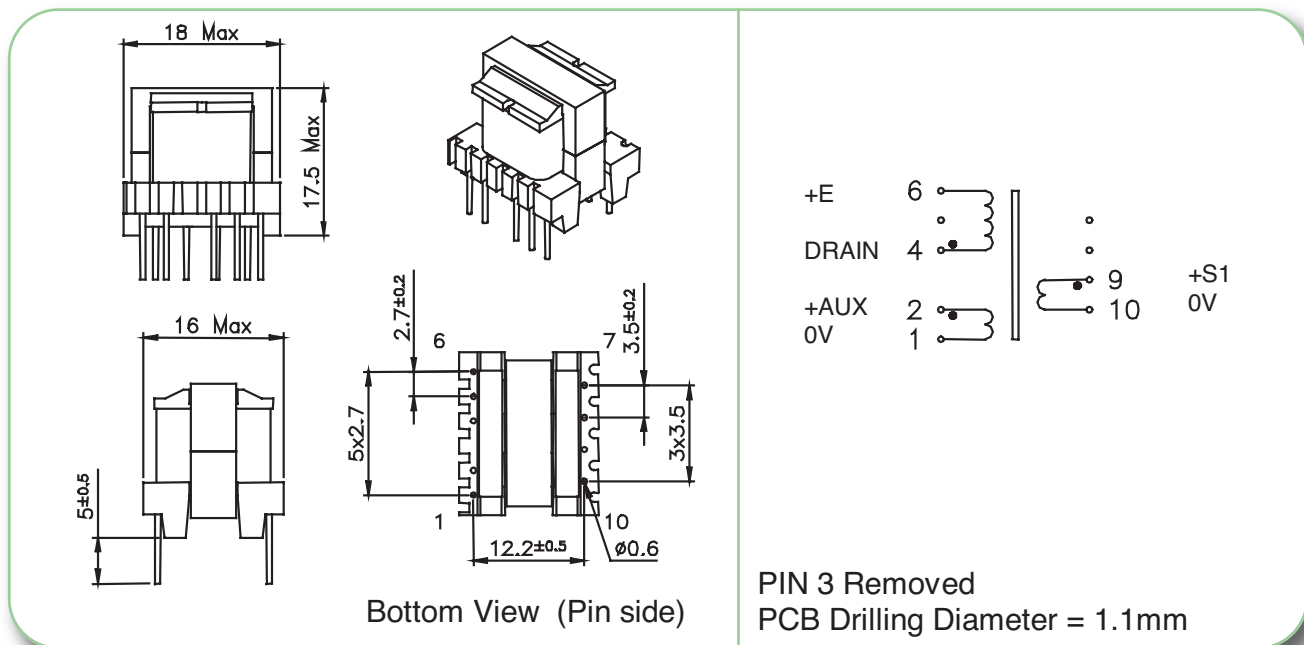
MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74000	5 w	Pri	4 - 6	138	62 – 130 (VOR)	0.27 Apeak	3900µH
		Aux	2 - 1	16	7 – 14 Vdc	0.1 Adc	
		S1	9 - 10	8	3.3 – 7 Vdc	1.2 Adc	
		S2	7 - 8	19	8 – 17 Vdc	0.4 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74000	Power Integrations	85 - 265Vrms	5w	132kHz
	ST Microelectronics	85 - 265Vrms	4w	70kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 60^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74001	6 w	Pri	4 - 6	138	60 – 120 (VOR)	0.35 Apeak	3000µH
		Aux	2 - 1	20	8 – 16 Vdc	0.1 Adc	
		S1	9 - 10	8	3 – 6 Vdc	1.2 Adc	
74002	6 w	Pri	4 - 6	150	60 – 120 (VOR)	0.38 Apeak	3000µH
		Aux	2 - 1	22	8.5 – 17 Vdc	0.1 Adc	
		S1	9 - 10	24	9 – 18 Vdc	0.5 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74001	Power Integrations	85 - 265Vrms	6w	132kHz
	ST Microelectronics	85 - 265Vrms	6w	70kHz
	ST Microelectronics	85 - 265Vrms	3w	40kHz
	Motorola	85 - 265Vrms	6w	100kHz
	Infineon	185 - 265Vrms	6w	100kHz
74002	Power Integrations	85 - 265Vrms	6w	132kHz
	ST Microelectronics	85 - 265Vrms	6w	70kHz
	ST Microelectronics	85 - 265Vrms	3w	40kHz
	Motorola	85 - 265Vrms	6w	100kHz
	Infineon	185 - 265Vrms	6w	100kHz

HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 60^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

Bottom View (Pin side)

PIN 3 Removed
PCB Drilling Diameter = 1.1mm

MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74003	6 w	Pri	4 - 6	120	55 – 115 (VOR)	0.3 Apeak	3000µH
		Aux	2 - 1	17	8 – 16 Vdc	0.1 Adc	
		S1	9 - 10	5	2 – 4 Vdc	1.8 Adc	
		S2	7 - 10	7	3 – 6 Vdc	1.2 Adc	

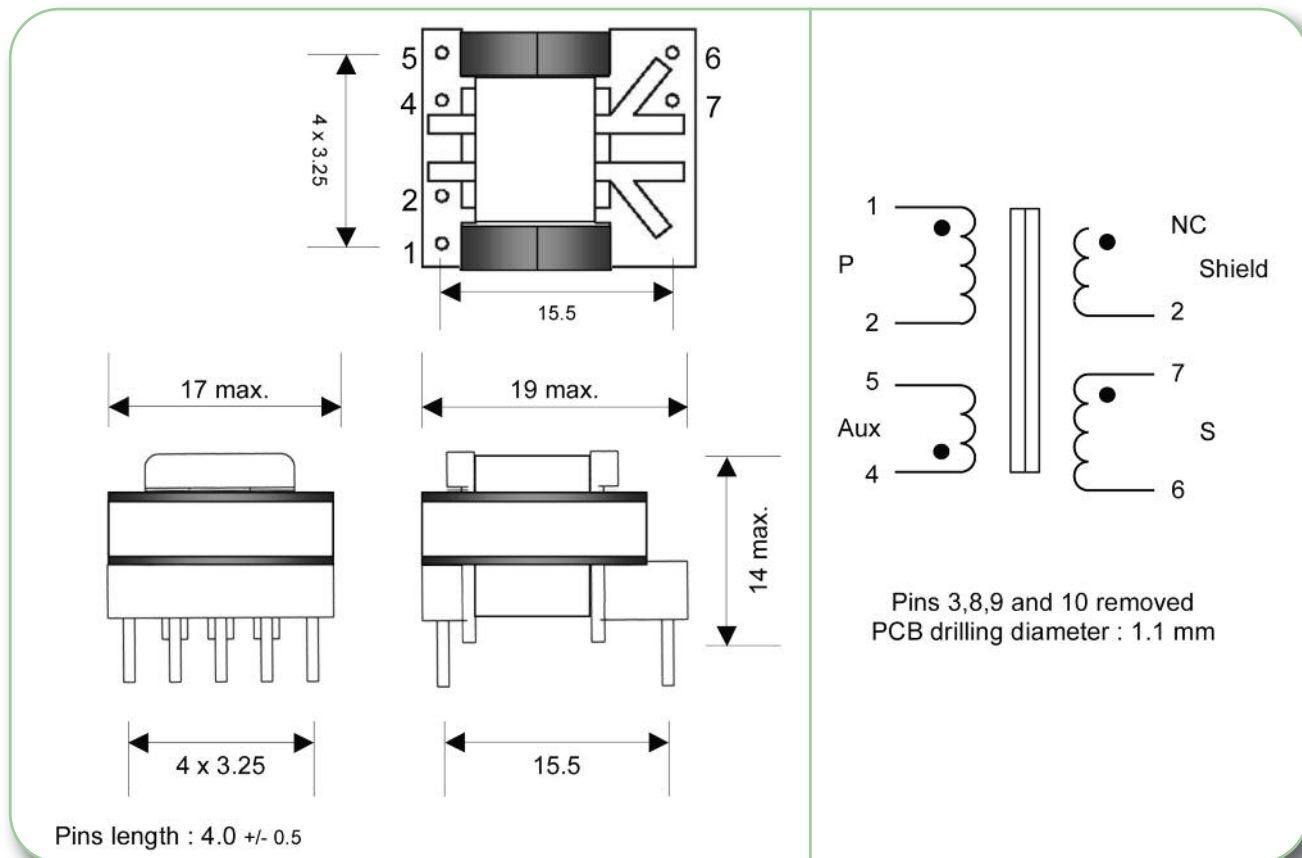
Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74003	Power Integrations	85 - 265Vrms	5w	132kHz
	ST Microelectronics	85 - 265Vrms	6w	70kHz
	ST Microelectronics	85 - 265Vrms	3w	40kHz
	Motorola	85 - 265Vrms	6w	100kHz
	Infineon	185 - 265Vrms	6w	100kHz

HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS



- Primary / Secondary Insulation ≥ 4000 V
- Primary / Auxiliary Insulation ≥ 1500 V
- Creepage distance Primary / Secondary ≥ 6 mm
- Ambient temperature $< 50^{\circ}\text{C}$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94 V-0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74004	1.7 w	Pri	1 - 2	108	60 – 125 (VOR)	0.28 Apeak	2700 μH
		Aux	5 - 4	25	22 Vdc	0.1 Adc	
		S	7 - 6	8	6 Vdc	0.5 Adc	
		Shield	NC - 2	8			

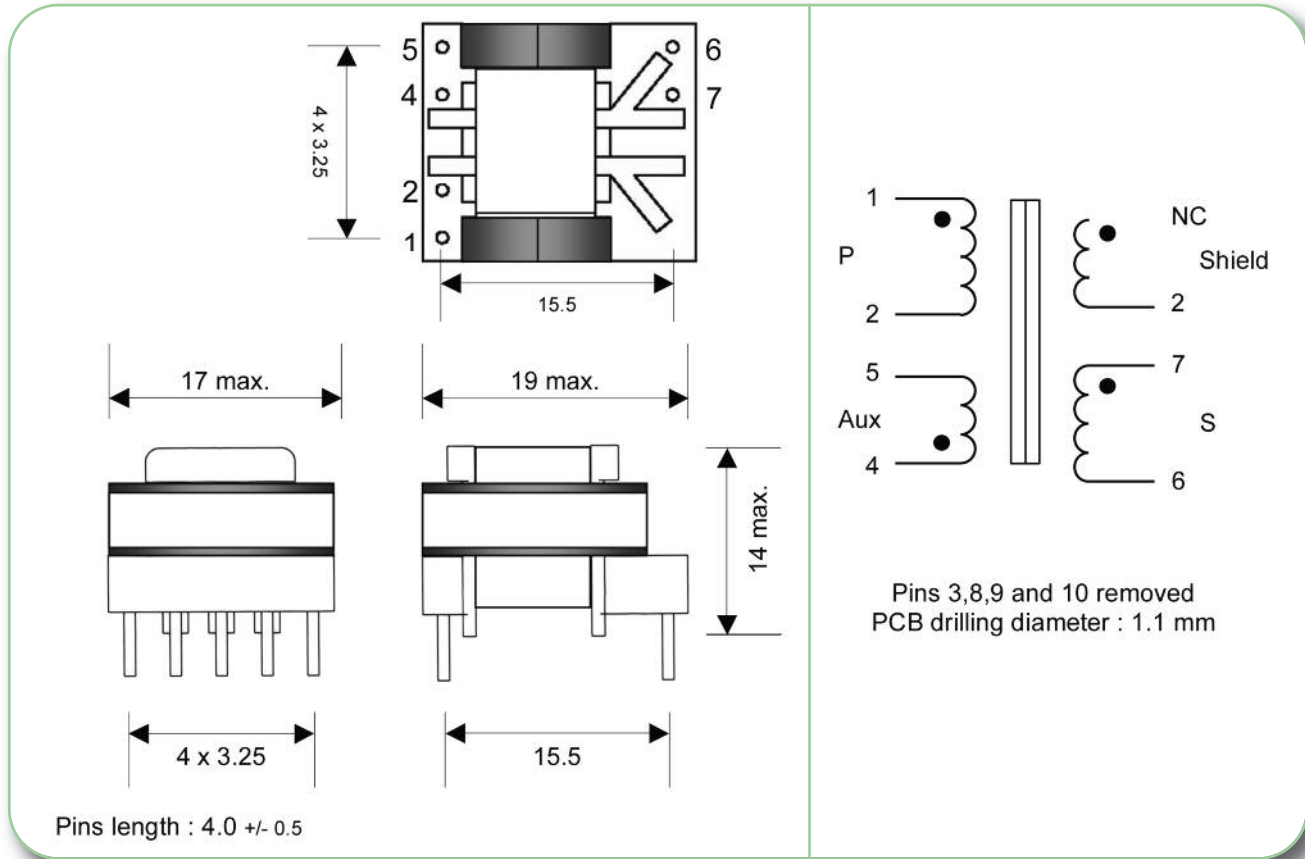
Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Control IC P / N	Input voltage	Power	Frequency
74004	Power Integrations	LNK562	185 - 265 Vrms	1.3 W	66 kHz
	Power integrations	LNK562	85 - 265 Vrms	1.3 W	66 kHz
	Power Integrations	LNK563	185 - 265 Vrms	1.7 W	83 kHz
	Power Integrations	LNK563	85 - 265 Vrms	1.7 W	83 kHz
	Power Integrations	LNK564	185 - 265 Vrms	2.0 W	100 kHz
	Power Integrations	LNK564	85 - 265 Vrms	2.0 W	100 kHz

Remarks : This transformer perfectly fulfils the specification of Power Integrations AN-39 Appendix - A.



- Primary / Secondary Insulation ≥ 4000 V
- Primary / Auxiliary Insulation ≥ 1500 V
- Creepage distance Primary / Secondary ≥ 6 mm
- Ambient temperature $< 50^{\circ}\text{C}$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94 V-0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74005	1.7 w	Pri	1 - 2	108	60 – 125 (VOR)	0.28 Apeak	2700 μH
	Aux	5 - 4	25	22 Vdc	0.1 Adc		
	S	7 - 6	12	10 Vdc	0.2 Adc		
	Shield	NC - 2	8				

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Control IC P / N	Input voltage	Power	Frequency
74005	Power Integrations	LNK562	185 - 265 Vrms	1.3 W	66 kHz
	Power integrations	LNK562	85 - 265 Vrms	1.3 W	66 kHz
	Power Integrations	LNK563	185 - 265 Vrms	1.7 W	83 kHz
	Power Integrations	LNK563	85 - 265 Vrms	1.7 W	83 kHz
	Power Integrations	LNK564	185 - 265 Vrms	2.0 W	100 kHz
	Power Integrations	LNK564	85 - 265 Vrms	2.0 W	100 kHz

Remarks : This transformer perfectly fulfils the specification of Power Integrations AN-39 Appendix - B.



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

Top View: 18 Max (width), 17.5 Max (height)

Bottom View (Pin side): 16 Max (width), 5±0.5 (height), 2.7±0.2 (pin height), 3.5±0.2 (pin height), 5x2.7 (pin pitch), 12.2±0.5 (pin spacing), 10 (pin number), Ø0.6 (pin diameter)

Winding Diagram:

+E	6		7	+S2
DRAIN	4		8	0V
+AUX	2		9	+S1
0V	1		10	0V

74010

PIN 3 Removed
PCB Drilling Diameter = 1.1mm

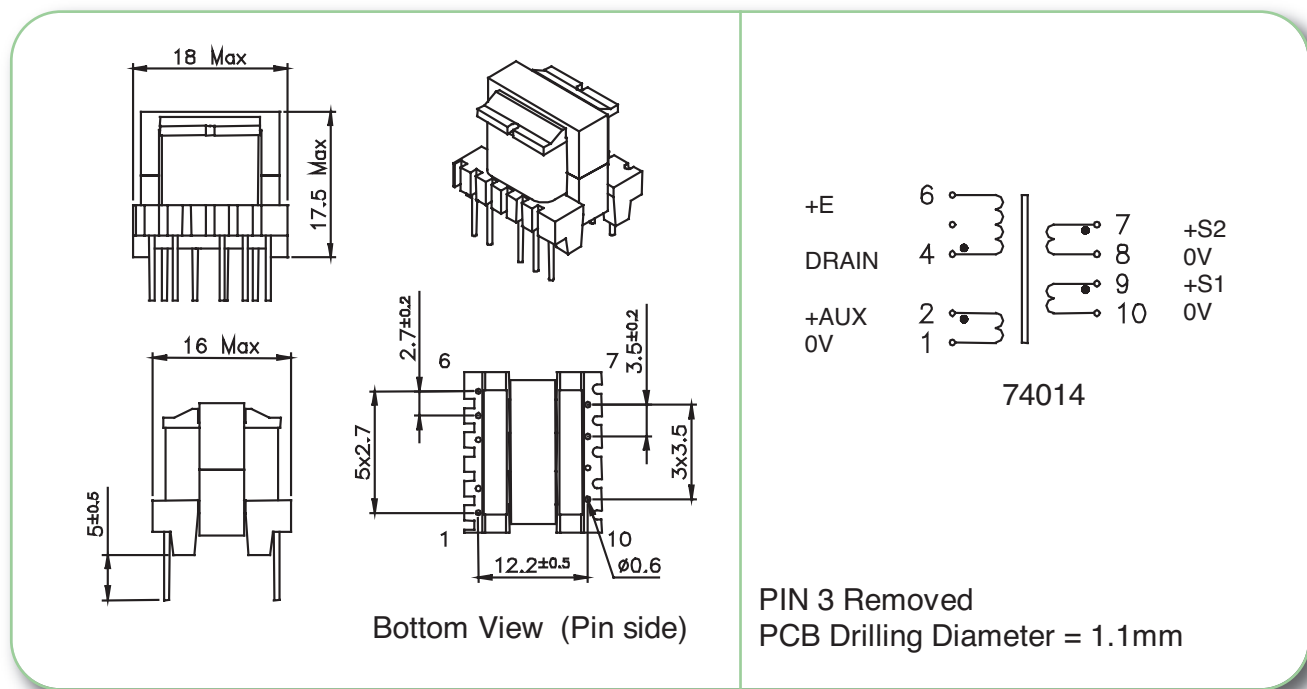
MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74010	12 w	Pri	4 - 6	120	60 – 125 (VOR)	0.55 Apeak	1660µH
		Aux	2 - 1	14	7 – 14 Vdc	0.1 Adc	
		S1	9 - 10	7	3.3 – 7 Vdc	2 Adc	
		S2	7 - 8	17	8 – 17 Vdc	1 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74010	Power Integrations	185 - 265Vrms	12w	132kHz
	Power Integrations	85 - 265Vrms	10w	132kHz
	Power Integrations	185 - 265Vrms	12w	132kHz
	Power Integrations	85 - 265Vrms	10w	132kHz
	Power Integrations	185 - 265Vrms	12w	132kHz
	ST Microelectronics	85 - 265Vrms	8w	70kHz
	ST Microelectronics	185 - 265Vrms	10w	70kHz
	Motorola	85 - 265Vrms	8w	100kHz
	Motorola	185 - 265Vrms	10w	100kHz
	Infineon	92 - 265Vrms	7,5w	100kHz
	Infineon	185 - 265Vrms	10w	100kHz
	Fairchild	85 - 265Vrms	7w	50kHz
Fairchild	185 - 265Vrms	10w	100kHz	



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74014	12 w	Pri	4 - 6	120	70 – 140 (VOR)	0.5 Apeak	1800µH
		Aux	2 - 1	17	9 – 18 Vdc	0.2 Adc	
		S1	9 - 10	27	15 – 30 Vdc	0.4 Adc	
		S2	7 - 8	27	15 – 30 Vdc	0.4 Adc	

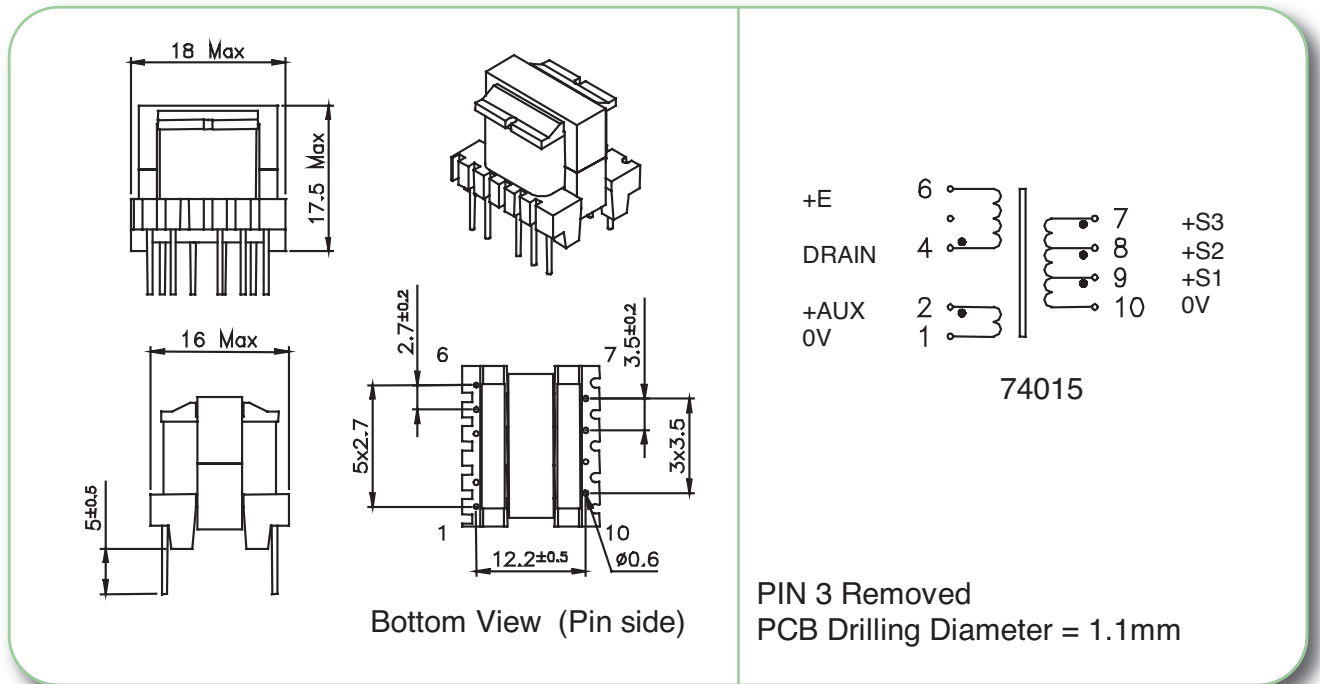
Typical outputs :
 +24V 0.5A with S1 – S2 in parallel
 +48V 0.25A with S1 – S2 in series (8-9 connected)
 +15V / -15V 0.4A with pins 8-9 connected to 0V

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74014	Power Integrations	185 - 265Vrms	12w	
	Power Integrations	85 - 265Vrms	8w	
	Power Integrations	185 - 265Vrms	12w	132kHz
	Power Integrations	85 - 265Vrms	8w	132kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



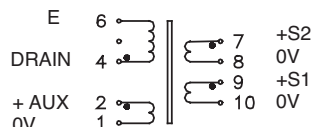
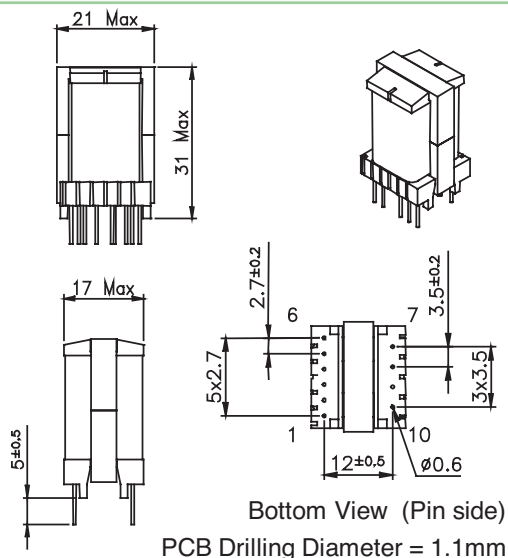
MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74015	12 w	Pri	4 - 6	120	110 (VOR)	0.5 Apeak	1800µH
		Aux	2 - 1	14	12 Vdc	0.2 Adc	
		S1	9 - 10	6	5 Vdc	1.5 Adc	
		S2	8 - 10	17	15 Vdc	0.6 Adc	
		S3	7 - 10	27	24 Vdc	0.4 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74015	Power Integrations	185 - 265Vrms	10w	
	Power Integrations	85 - 265Vrms	8w	
	Power Integrations	185 - 265Vrms	12w	132kHz
	Power Integrations	85 - 265Vrms	9w	132kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



74020 / 74021

MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74020	18 w	Pri	4 - 6	108	65 – 130 (VOR)	0.8 Apeak	1250µH
		Aux	2 - 1	12	7 – 14 Vdc	0.1 Adc	
		S1	9 - 10	6	3.3 – 7 Vdc	3 Adc	
		S2	7 - 8	14	8 – 16.5 Vdc	1.4 Adc	
74021	18 w	Pri	4 - 6	108	65 – 130 (VOR)	1.1 Apeak	900µH
		Aux	2 - 1	12	7 – 14 Vdc	0.1 Adc	
		S1	9 - 10	6	3.3 – 7 Vdc	3 Adc	
		S2	7 - 8	14	8 – 16.5 Vdc	1.4 Adc	

Examples of application with Integrated Circuits :

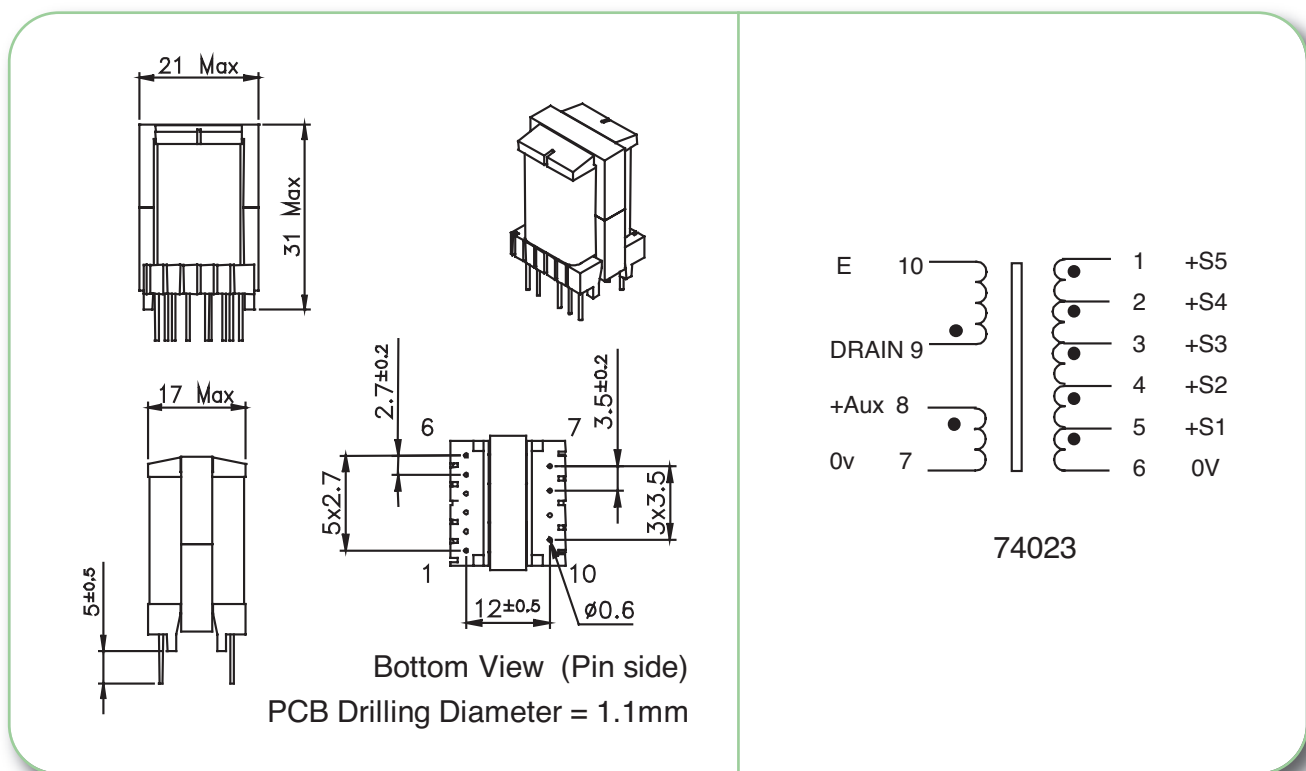
MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74020	Power Integrations	85 - 265Vrms	15w	132kHz
	Power Integrations	185 - 265Vrms	18w	132kHz
	Power Integrations	85 - 265Vrms	12w	132kHz
	ST Microelectronics	85 - 265Vrms	10w	100kHz
	ST Microelectronics	185 - 265Vrms	12w	100kHz
	ST Microelectronics	185 - 265Vrms	16w	100kHz
	Motorola	185 - 265Vrms	16w	100kHz
	Infineon	185 - 265Vrms	16w	100kHz
74021	ST Microelectronics	85 - 265Vrms	13w	70kHz
	Motorola	85 - 265Vrms	13w	100kHz
	Infineon	92 - 265Vrms	10w	100kHz



HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 60^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



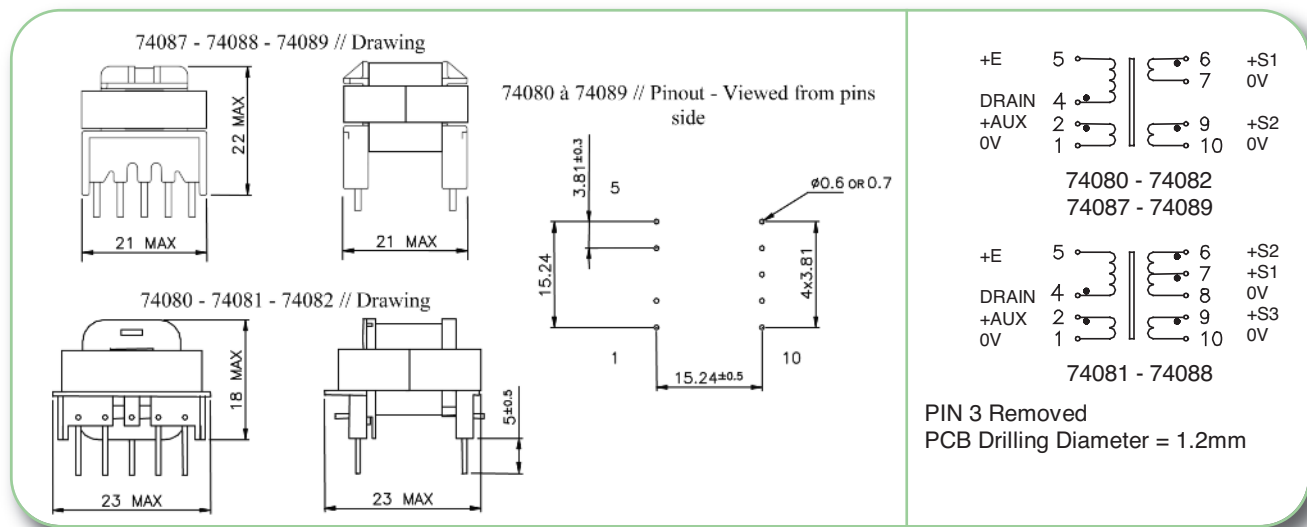
MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74023	16 w	Pri	9 – 10	120	110 (VOR)	0.85 Apeak	1250µH
		Aux	8 – 7	17	15 Vdc	0.2 Adc	
		S1	5 – 6	4	3.3 Vdc	2 Adc	
		S2	4 – 6	6	5 Vdc	Sum S1+S2	
		S3	3 – 6	14	12 Vdc	0.8 Adc	
		S4	2 – 6	20	18 Vdc	0.8 Adc	
		S5	1 – 6	33	30 Vdc	0.2 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74023	Power Integrations	185 - 265Vrms	16w	132kHz
	Power Integrations	85 - 265Vrms	12w	132kHz



- Primary / Secondary Insulation $\geq 4000V$ • Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74080 74087	24 w	Pri	4 – 5	86	80 – 135 (VOR)	1.0 Apeak	1000 μ H
		Aux	2 – 1	12	11 - 18 Vdc	0.3 Adc	
		S1	6 – 7	10	9 – 15 Vdc	1.5 Adc	
		S2	9 – 10	10	9 – 15 Vdc	1.5 Adc	
74081 74088	20 w	Pri	4 – 5	80	75 (VOR)	0.9 Apeak	1100 μ H
		Aux	2 – 1	17	15 Vdc	0.3 Adc	
		S1	7 – 8	4	3.3 Vdc	3 Adc	
		S2	6 – 8	6	5 Vdc	Sum S1+S2	
		S3	9 – 10	14	12 Vdc	1.3 Adc	
74082 74089	20 w	Pri	4 – 5	86	60 – 135 (VOR)	0.85 Apeak	1300 μ H
		Aux	2 – 1	12	7 - 18 Vdc	0.3 Adc	
		S1	6 – 7	5	3 – 7.5 Vdc	2.0 Adc	
		S2	9 – 10	5	3 – 7.5 Vdc	2.0 Adc	

Note for 74080 and 74082 : S1 and S2 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74080	Power Integrations	185 - 265Vrms	24w	132kHz
74087	Power Integrations	85 - 265Vrms	15w	132kHz
74081	Power Integrations	185 - 265Vrms	20w	132kHz
74088	Power Integrations	85 – 265Vrms	12w	132kHz
74082	Power Integrations	185 - 265Vrms	20w	132kHz
74089	Power Integrations	85 – 265Vrms	14w	132kHz
	Power Integrations	185 - 265Vrms	17w	< 120kHz



HIGH FREQUENCY FERRITE POWER FERRITE TRANSFORMERS



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials

Bottom View
(Pin side)

74030

74032

PIN 4 Removed
PCB Drilling Diameter = 1.4mm

MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74030	30 w	Pri	3 – 5	70	65 – 130 (VOR)	1.5 Apeak	750µH
		Aux	2 – 1	8	7 – 14.5 Vdc	1 Adc	
		S1	7 – 8	4	3.3 - 7	3 Adc	
		S2	6 – 8	9	8 – 16 Vdc	1.5 Adc	
		S3	9 – 10	9	8 – 16 Vdc	1.5 Adc	
74032	35 w	Pri	3 – 5	72	62 - 125 (VOR)	1.1 Apeak	1100µH
		Aux	2 – 1	10	8 - 16 Vdc	1 Adc	
		S1	6 – 10	18	15 - 30 Vdc	1.4 Adc	

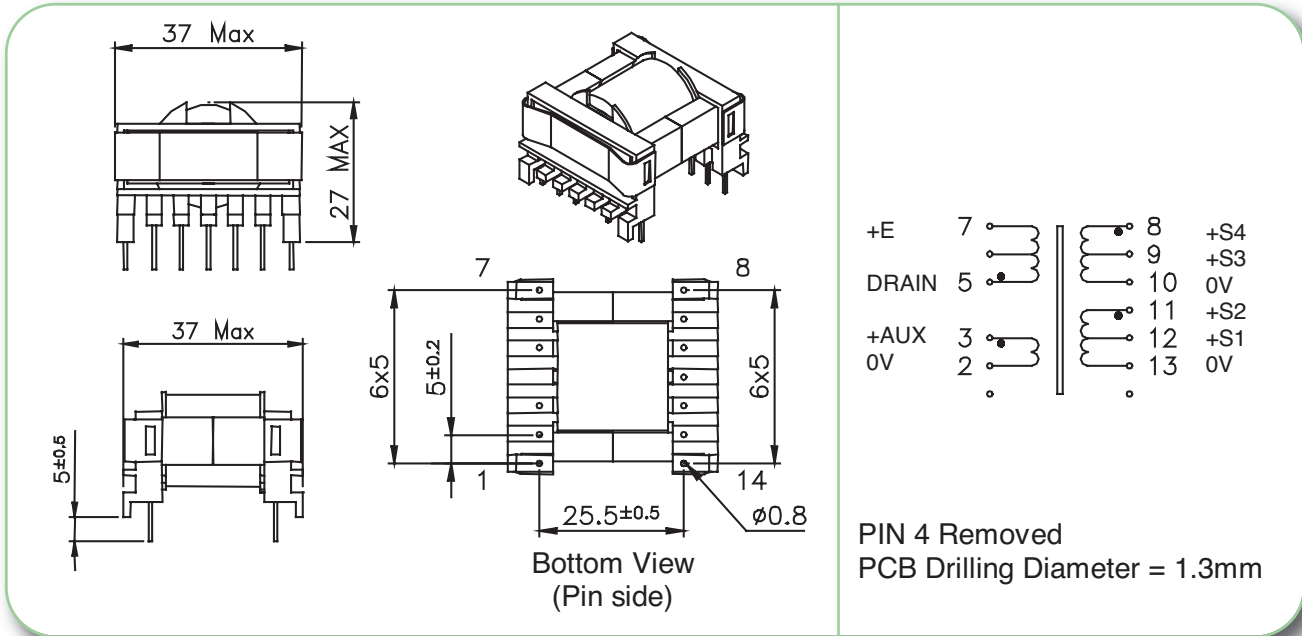
Note for 74030 : S2 and S3 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74030	Power Integrations	185 - 265Vrms	30w	132kHz
	Power Integrations	85 - 265Vrms	25w	66 or 132kHz
	ST Microelectronics	85 - 265Vrms	22w	70kHz
	ST Microelectronics	185 - 265Vrms	30w	70kHz
	Motorola	85 - 265Vrms	22w	100kHz
	Motorola	185 - 265Vrms	30w	100kHz
	Infineon	185 - 265Vrms	30w	100kHz
	Fairchild	85 - 265Vrms	22w	100kHz
74032	Power Integrations	185 - 265Vrms	25w	132kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74040	60 w	Pri	5 – 7	50	60 – 125 (VOR)	3.0 Apeak	500µH
		Aux	3 – 2	6	7 – 14.5 Vdc	0.5 Adc	
		S1	12 – 13	3	3.3 - 7	4 Adc	
		S2	11 – 13	7	8 – 16.5 Vdc	2.5 Adc	
		S3	9 – 10	3	3.3 - 7	4 Adc	
		S4	8 - 10	7	8 – 16.5 Vdc	2.5 Adc	

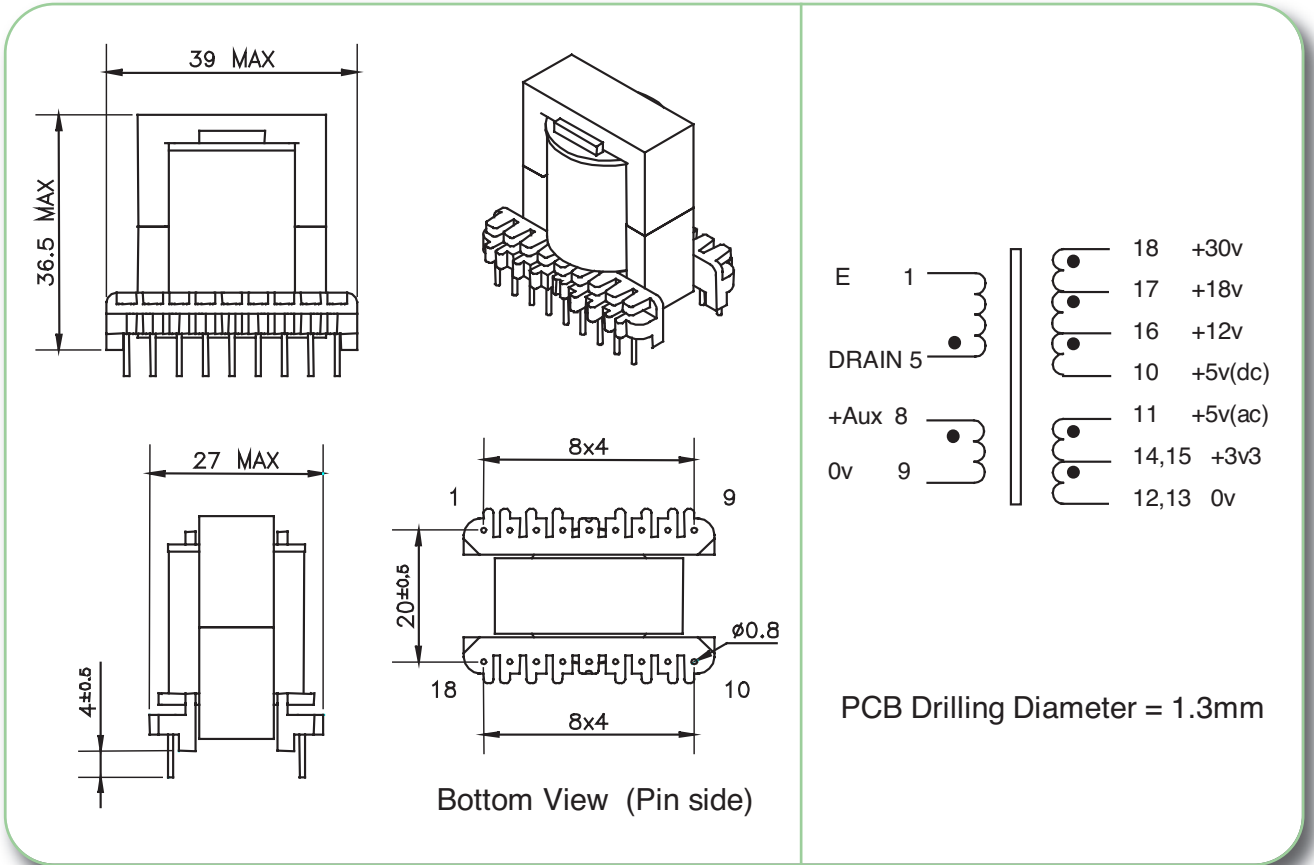
Note : S1 / S3 or S2 / S4 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74040	Power Integrations	185 - 265Vrms	60w	66 or 132kHz
	Power Integrations	85 - 265Vrms	45w	66 or 132kHz
	ST Microelectronics	85 - 265Vrms	35w	100kHz
	ST Microelectronics	185 - 265Vrms	45w	100kHz
	Motorola	85 - 265Vrms	35w	100kHz
	Motorola	185 - 265Vrms	45w	100kHz
	Infineon	92 - 265Vrms	35w	100kHz
	Infineon	185 - 265Vrms	45w	100kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 6mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS

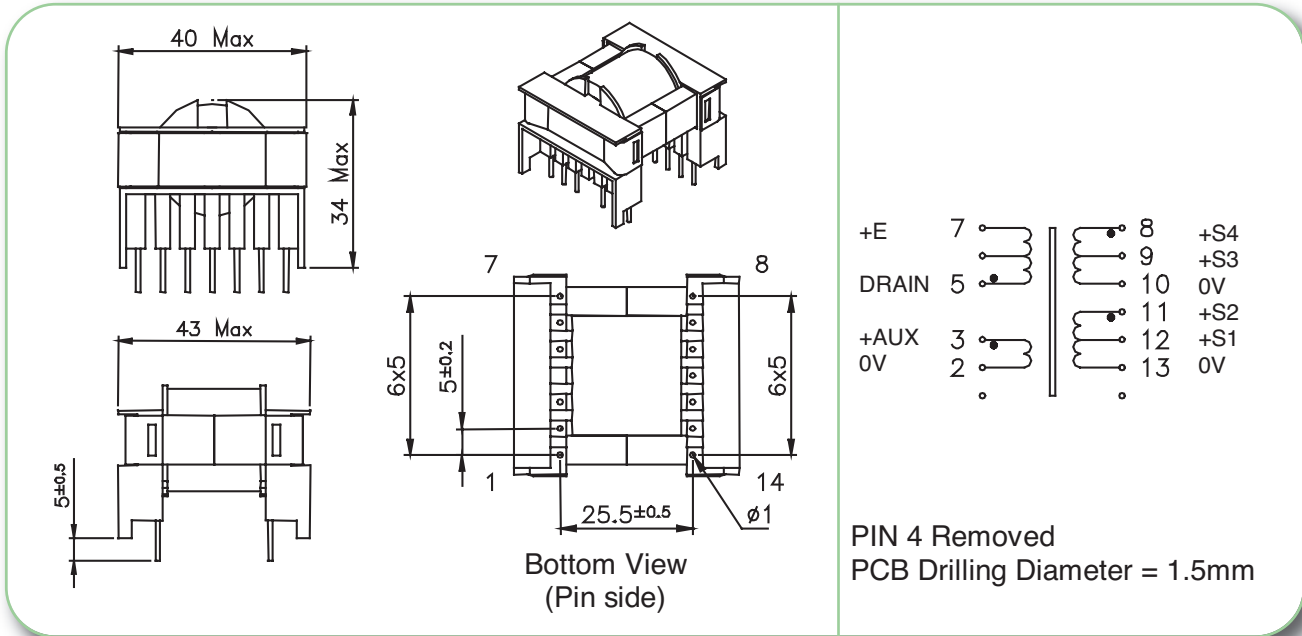
MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
	60w	Pri	5 – 1	45	90 (VOR)	3 Apeak	500µH
		S1	14+15 / 12+13	2	3.3 Vdc	7 Adc	
		S3	16 – 10	4	12 Vdc	2 Adc	
						Sum S1+S2	
		S5	18 – 10	13	30 Vdc	0.5 Adc	

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74043	Power Integrations	185 - 265Vrms	60w	66 or 132kHz
	Power Integrations	85 - 265Vrms	45w	66 or 132kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74050	90 w	Pri	5 – 7	36	65 – 125 (VOR)	2.8 Apeak	500µH
		Aux	3 – 2	4	7 – 14 Vdc	0.5 Adc	
		S1	12 – 13	2	3.3 – 6.5	5 Adc	
		S2	11 – 13	5	8.5 – 17 Vdc	3 Adc	
		S3	9 – 10	2	3.3 – 6.5	5 Adc	
		S4	8 - 10	5	8.5 – 17 Vdc	3 Adc	

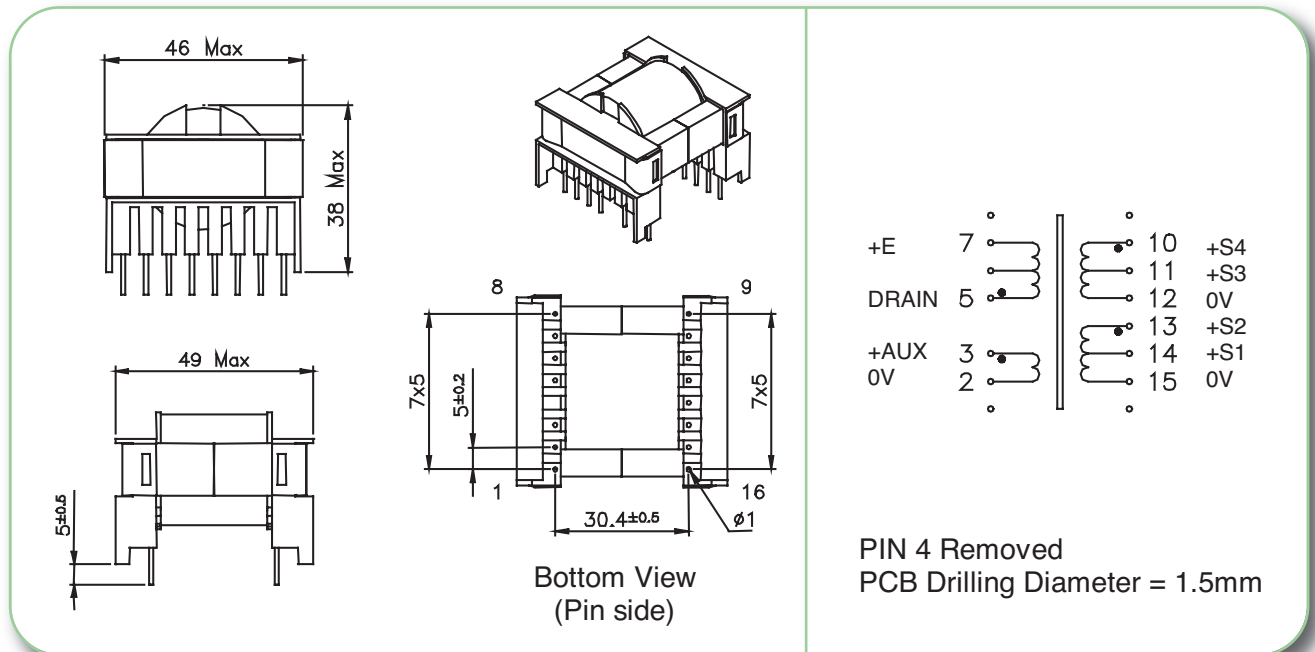
Note : S1 / S3 or S2 / S4 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74050	Power Integrations	185 - 265Vrms	90w	132kHz
	Power Integrations	85 - 265Vrms	60w	66 or 132kHz
	ST Microelectronics	185 - 265Vrms	80w	70kHz
	ST Microelectronics	85 - 265Vrms	60w	70kHz
	Motorola	185 - 265Vrms	80w	100kHz
	Motorola	85 - 265Vrms	60w	100kHz
	Infineon	185 - 265Vrms	80w	100kHz
	Infineon	85 - 265Vrms	60w	100kHz



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74060	140 w	Pri	5 – 7	36	65 – 125 (VOR)	4 Apeak	440µH
		Aux	3 – 2	4	7 – 14 Vdc	0.5 Adc	
		S1	14 – 15	2	3.3 – 6.5	5 Adc	
		S2	13 – 15	5	8.5 – 17 Vdc	5 Adc	
		S3	11 – 12	2	3.3 – 6.5	5 Adc	
		S4	10 – 12	5	8.5 – 17 Vdc	5 Adc	

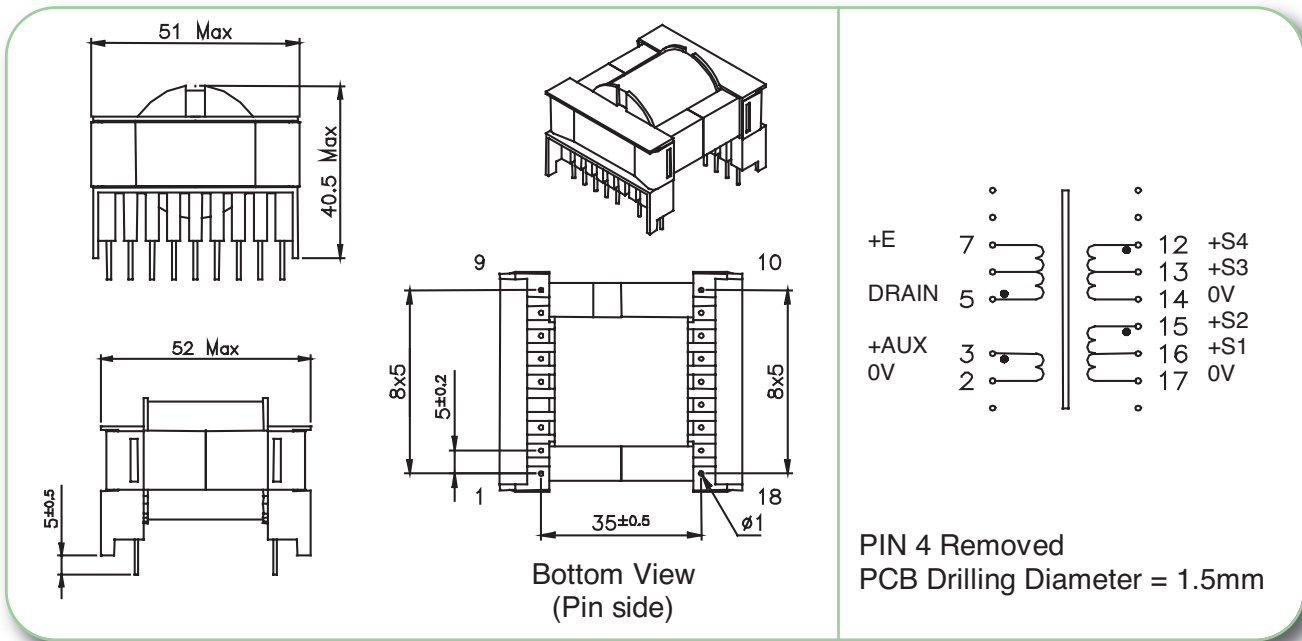
Note : S1 / S3 or S2 / S4 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74060	Power Integrations	185 - 265Vrms	140w	132kHz
	Power Integrations	85 - 265Vrms	90w	66 or 132kHz
	ST Microelectronics	85 - 265Vrms	70w	70kHz
	ST Microelectronics	185 - 265Vrms	120w	100kHz
	Motorola	85 - 265Vrms	70w	100kHz
	Motorola	185 - 265Vrms	120w	100kHz
	Infineon	85 - 265Vrms	70w	100kHz
	Infineon	185 - 265Vrms	120w	100kHz
	Fairchild	85 - 265Vrms	70w	100kHz
Fairchild	185 - 265Vrms	120w	100kHz	



- Primary / Secondary Insulation $\geq 4000V$
- Primary / Auxiliary Insulation $\geq 1500V$
- Creepage distance Primary / Secondary $\geq 8mm$
- Ambient temperature $< 50^{\circ}C$
- Construction conforms to IEC950, IEC335, IEC61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



MYRRA P / N	Output Power maximum	Windings					
			Pins	Turns	Voltage	Current maximum	Inductance (+/-10%)
74070	180 w	Pri	5 – 7	38	65 – 125 (VOR)	8 Apeak	300µH
		Aux	3 – 2	4	7 – 14 Vdc	0.5 Adc	
		S1	16 – 17	2	3.3 – 6.5	6 Adc	
		S2	15 – 17	5	8.5 – 17 Vdc	5 Adc	
		S3	13 – 14	2	3.3 – 6.5	6 Adc	
		S4	12 – 14	5	8.5 – 17 Vdc	5 Adc	

Note : S1 / S3 or S2 / S4 can be connected in series or in parallel

Examples of application with Integrated Circuits :

MYRRA P / N	Control IC Manufacturer	Input voltage	Power	Frequency
74070	Power Integrations	185 - 265Vrms	180w	66 or 132kHz
	Power Integrations	85 - 265Vrms	120w	66kHz
	Infineon	185 - 265Vrms	160w	100kHz
	Fairchild	185 - 265Vrms	160w	100kHz
	Philips	185 - 265Vrms	120w	50kHz

HIGH FREQUENCY FERRITE
POWER FERRITE TRANSFORMERS

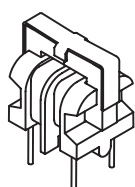


Size	Max. output power	Insulation	Dimensions - Pinout
EF12.6	4 W	Reinforced Creepage distances: 6.0 mm min.	
E13	5 W	Reinforced Creepage distances: 6.0 mm min.	
EL19	20 W	Reinforced Creepage distances: 6.0 mm min.	
EF20	24 W	Reinforced Creepage distances: 8.0 mm min.	
E13	5 W	Functionnal	
E16	12 W	Reinforced Creepage distances: 6.0 mm min.	
EF20	24 W	Reinforced Creepage distances: 8.0 mm min.	
E25	35 W	Reinforced Creepage distances: 6.0 mm min.	

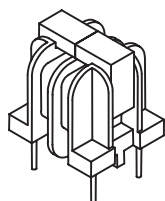
Rev. : 0

Feb., 24th 2010

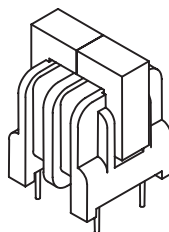
These sizes are just examples, other pinout and dimensions exist.



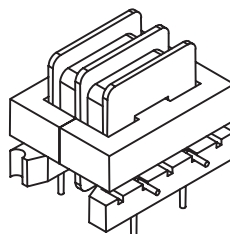
U9.8



U10.5



U16



E25

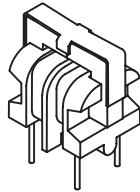
- Mainly used to reduce noise conducted through power or signal lines.
- The common mode inductance filters symmetrical noise, associated with Y-type safety capacitors connected to ground.
- The differential mode inductance filters asymmetrical noise, associated with X-type capacitor connected between Line and Neutral.

MYRRA Part N°	SIZE	Inductance range	Current range
74330 - 74335	U9.8	1.5 to 47mH	0.18 to 1.1A
74300 - 74306	U10.5	1.5 to 68mH	0.30 to 1.9A
74310 - 74315	U16	1.5 to 33mH	0.75 to 3.3A
74320 - 74325	E25	1.5 to 33mH	0.90 to 4.0A



- Ambient Temperature $\leq 50^{\circ}\text{C}$
- Dielectric Strength ≥ 1.5 kV between windings
- Electrical characteristics at 25°C

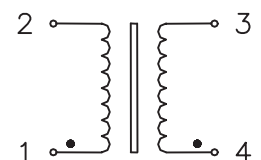
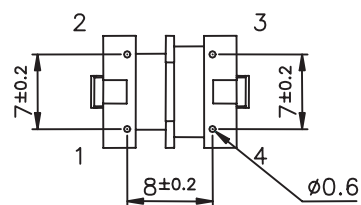
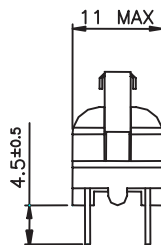
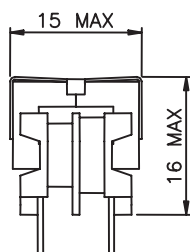
SIZE : U9.8



ELECTRICAL CHARACTERISTICS :

MYRRA Part N°	Inductance Common Mode min - max (mH)	Rated Current Arms	Resistance per winding ohm max	Inductance Differential Mode μH min	Resonant Frequency kHz min
74330	33 - 56	0.18	7	710	210
74331	18 - 31	0.26	3.5	360	280
74332	10 - 17	0.35	2.0	210	400
74333	4.7 - 8	0.5	.95	100	610
74334	2.2 - 3.7	0.8	.4	45	910
74335	1 - 1.7	1.1	.21	20	1300

MECHANICAL CHARACTERISTICS / PINOUT :

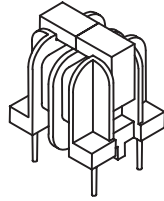


View from pin side
PCB Drilling diameter 1.0 mm



- Ambient Temperature $\leq 50^{\circ}\text{C}$
- Dielectric Strength ≥ 1.5 kV between windings
- Electrical characteristics at 25°C

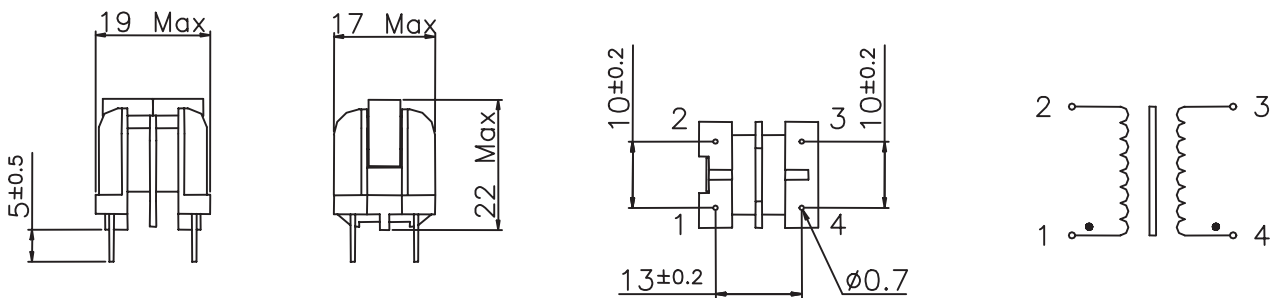
SIZE : U10.5



ELECTRICAL CHARACTERISTICS :

MYRRA Part N°	Inductance Common Mode min - max (mH)	Rated Current Arms	Resistance per winding ohm max	Inductance Differential Mode μH min	Resonant Frequency kHz min
74306	51 - 85	0.3	4	530	125
74300	33 - 56	0,35	3	400	170
74301	18 - 31	0,45	1,7	240	220
74302	10 - 17	0,6	1	140	320
74303	4.7 - 8	0,9	0,43	65	480
74304	2.2 - 3.7	1,3	0,23	32	740
74305	1 - 1.7	1,9	0,1	14	1000

MECHANICAL CHARACTERISTICS / PINOUT :



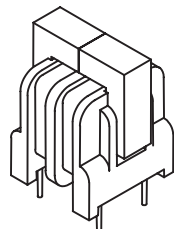
View from pin side
PCB Drilling diameter 1.1 mm

HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE



- Ambient Temperature $\leq 50^{\circ}\text{C}$
- Dielectric Strength ≥ 1.5 kV between windings
- Electrical characteristics at 25°C

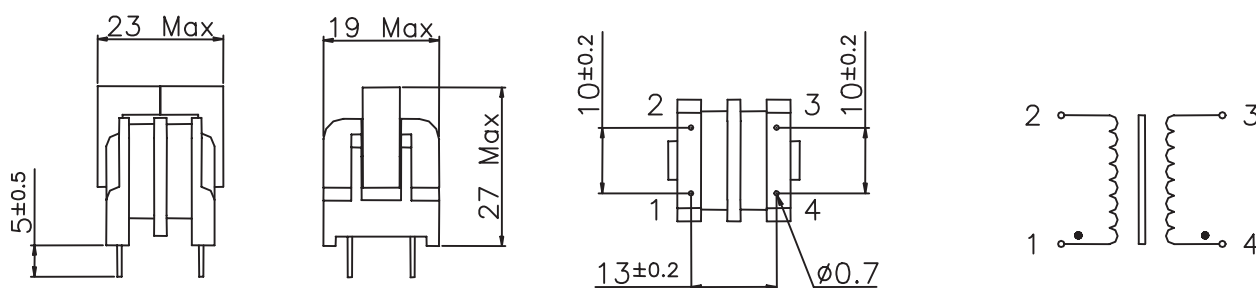
SIZE : U16



ELECTRICAL CHARACTERISTICS :

MYRRA Part N°	Inductance Common Mode min - max (mH)	Rated Current Arms	Resistance per winding ohm max	Inductance Differential Mode μH min	Resonant Frequency kHz min
74310	22 - 37	0,75	1	230	170
74311	15 - 25	0,9	0,75	150	210
74312	10 - 17	1,1	0,44	100	280
74313	4.7 - 8	1,5	0,24	50	440
74314	2.2 - 3.7	2,3	0,095	20	650
74315	1 - 1.7	3,3	0,046	10	1000

MECHANICAL CHARACTERISTICS / PINOUT :

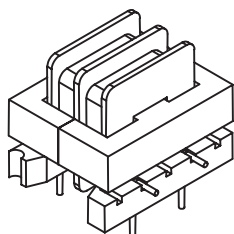


View from pin side
PCB Drilling diameter 1.1 mm



- Ambient Temperature $\leq 50^{\circ}\text{C}$
- Dielectric Strength $\geq 1.5 \text{ kV}$ between windings
- Electrical characteristics at 25°C

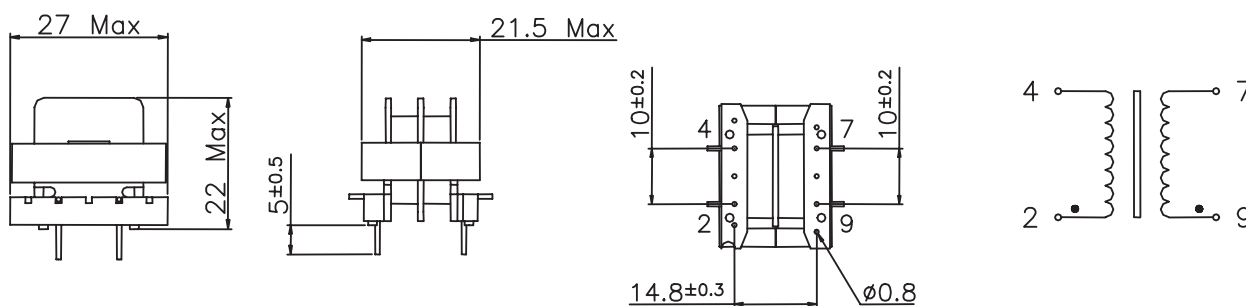
SIZE : E25



ELECTRICAL CHARACTERISTICS :

MYRRA Part N°	Inductance Common Mode min - max (mH)	Rated Current Arms	Resistance per winding ohm max	Inductance Differential Mode μH min	Resonant Frequency kHz min
74320	22 - 37	0,9	0,54	130	170
74321	15 - 25	1,1	0,35	90	210
74322	10 - 17	1,3	0,22	50	270
74323	4.7 - 8	1,8	0,105	25	400
74324	2.2 - 3.7	2,7	0,05	11	630
74325	1 - 1.7	4	0,03	7	950

MECHANICAL CHARACTERISTICS / PINOUT :

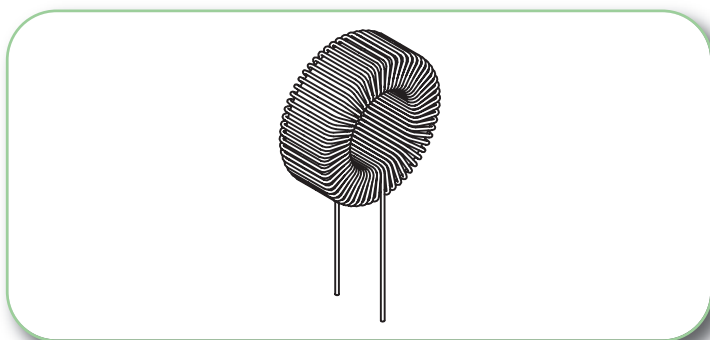


View from pin side
PCB Drilling diameter 1.2 mm

HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE



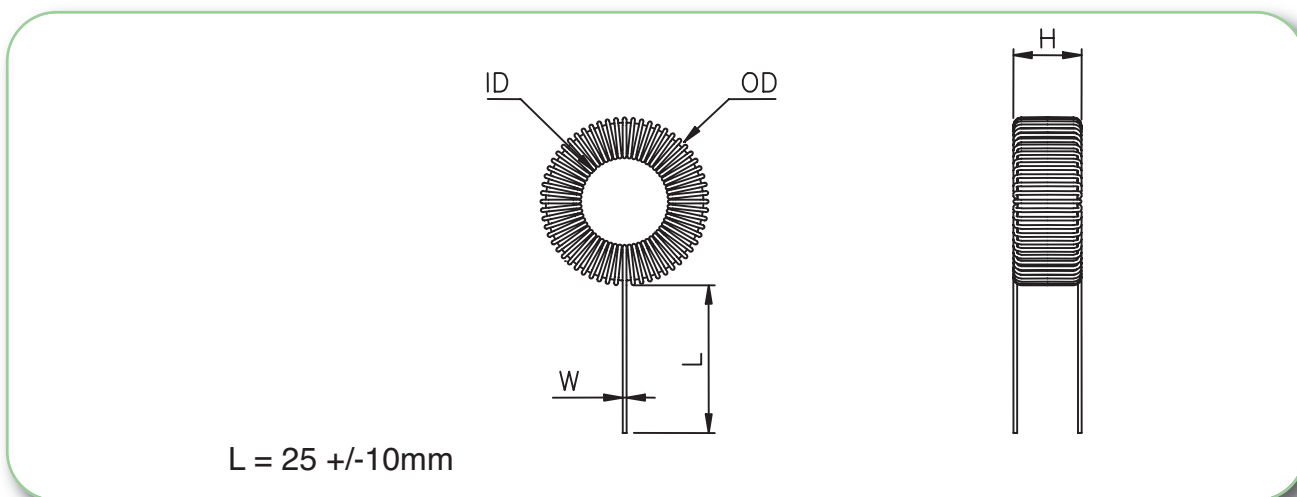
- For noise suppression in light dimmers
- Saturable chokes : provides a high impedance for Triac switching interferences, and a low impedance for 50Hz component.
- Electrical characteristics at 25 °

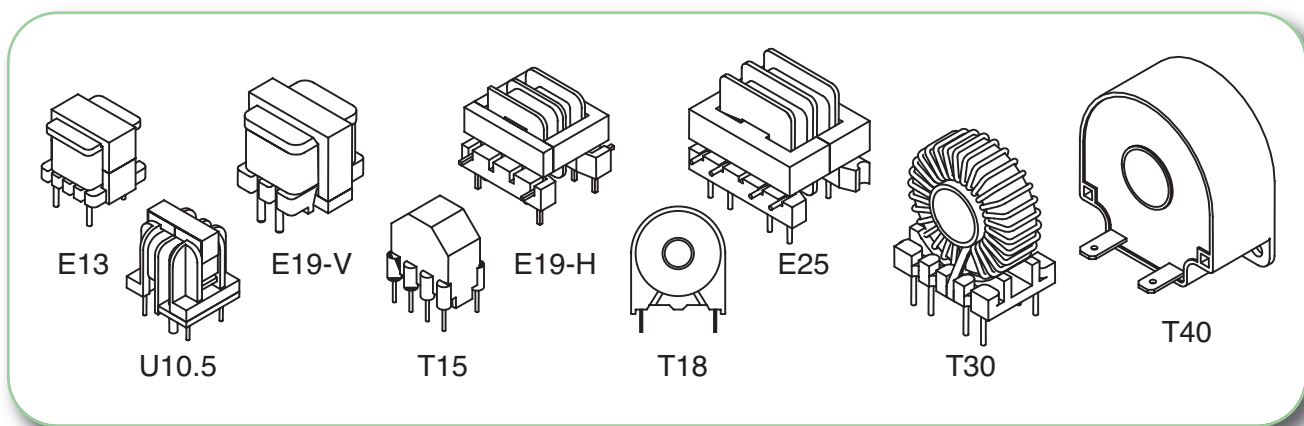


ELECTRICAL CHARACTERISTICS :

MYRRA Part N°	Power	Inductance +/- 15 %	Rated Current	Resistance	Associated Capacitor	Dimensions (mm)				Approx. Weight
						OD max	ID min	H max	W max	
74190	150 w	3.5 mH	0.7 Arms	1.5 Ω	22 nF	24	9	9.5	0.5	13 g
74191	300 w	2.8 mH	1.3 Arms	0.73 Ω	47 nF	29	10	12	0.7	24 g
74192	500 w	2.0 mH	2.2 Arms	0.35 Ω	82 nF	32.5	9	16	0.9	47 g
74196	500 w	1.8 mH	2.2 Arms	0.37 Ω	82 nF	38	14	12	0.9	39 g
74193	1000 w	1.3 mH	4.5 Arms	0.15 Ω	220 nF	44	14	16.5	1.2	80 g
74194	2200 w	450 μH	10 Arms	0.04 Ω	470 nF	50	12	22.5	1.8	140 g
74195	4500 w	250 μH	20 Arms	0.014 Ω	1 μF	58	10	28	2.5	250 g

MECHANICAL CHARACTERISTICS :





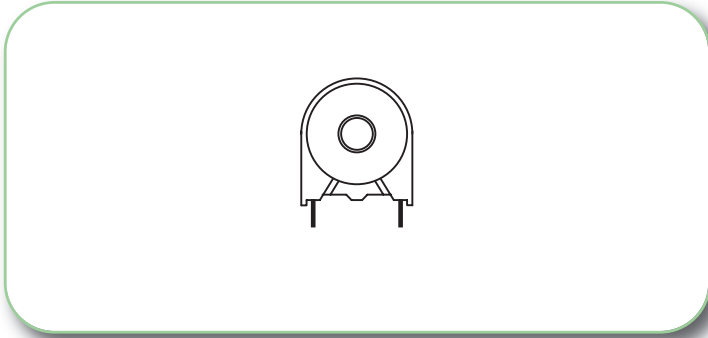
• FOR MAINS AC CURRENT MEASUREMENT - 50 to 400 Hz

MYRRA Part N°	SIZE	Ratio	Current range
PIN PRIMARY - up to 25A			
74521	Size E19-H	Ratio 1 / 1 / 750	Current 10 A / 20 A
74523	Size E19-V	Ratio 1 / 500	Current 15 A
74531	Size E25	Ratio 1 / 1 / 1000	Current 12.5 A / 25 A
74533	Size E25	Ratio 1 / 1000	Current 8 A
74534	Size E25	Ratio 1 / 350	Current 4 A
74561	Size U10.5	Ratio 1 / 2000	Current 8 A
THRU-HOLE PRIMARY - up to 250A			
74503	Size T18	Ratio 1 / 1000	Current 12 A
74504	Size T18	Ratio 1 / 750	Current 10 A
74511	Size T30	Ratio 1 / 1000	Current 60 A
74543, 74544, 74545	Size T40	Ratio 1 / 500	Current 100 A
74546, 74547, 74548	Size T40	Ratio 1 / 1000	Current 250 A

• FOR SWITCH MODE POWER SUPPLIES - 20 to 150kHz

MYRRA Part N°	SIZE	Ratio	Current range
PIN PRIMARY - up to 25A			
74520	Size E19-H	Ratio 1 / 1 / 100	Current 10 A / 20 A
74530	Size E25	Ratio 1 / 1 / 100	Current 12.5 A / 25 A
74550	Size E13	Ratio 1 / 100	Current 10 A
74560	Size U10.5	Ratio 1 / 100	Current 10 A
74562	Size U10.5	Ratio 1 / 100	Current 10 A
74570	Size T15	Ratio 1 / 1 / 50	Current 10 A / 20 A
THRU-HOLE PRIMARY - up to 200A			
74500	Size T18	Ratio 1 / 50	Current 15 A
74501	Size T18	Ratio 1 / 100	Current 25 A
74502	Size T18	Ratio 1 / 200	Current 25 A
74510	Size T30	Ratio 1 / 100	Current 150 A
74540, 74541, 74542	Size T40	Ratio 1 / 100	Current 200 A

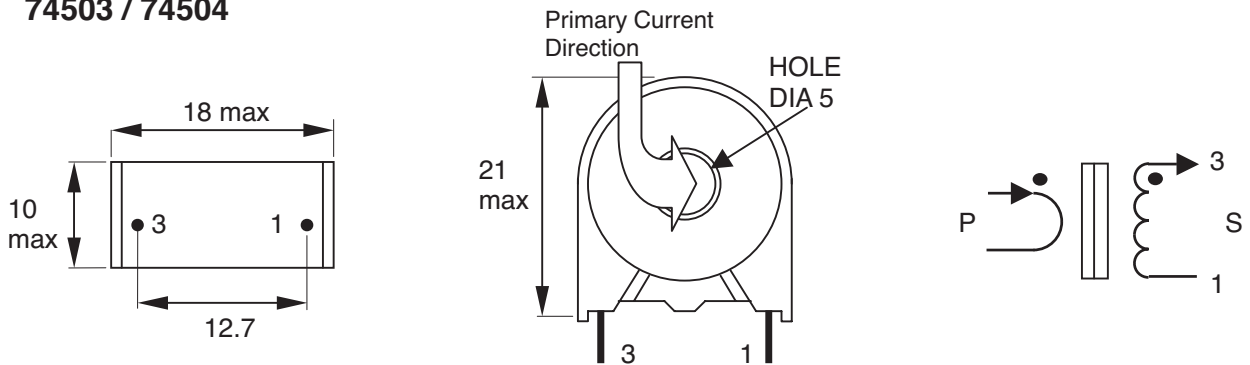
HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE

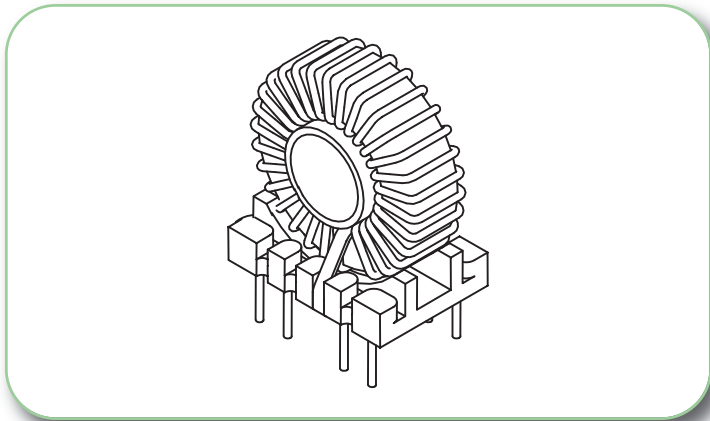


MYRRA Part N°	Sec. Turns	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max @ Frequency	Sine Vsec max @ Frequency	Typical Load/ Accuracy/ Current
74500	50	15 A	6 Ω	5	175 V. μ S 20 – 200 kHz	15 V 20 – 200 kHz	50 Ω / 1% / 15 A
74501	100	25 A	1.5 Ω	20	350 V. μ S 20 – 100 kHz	25 V 20 – 100 kHz	100 Ω / 1% / 25 A
74502	200	25 A	5 Ω	80	700 V. μ S 20 – 100 kHz	50 V 20 – 100 kHz	200 Ω / 1% / 25 A
74503	1000	12 A	45 Ω	2000	2.5 V.ms 50 Hz	0.15V/ 50 Hz/ 12A 0.6V/ 50 Hz/ 8A	\leq 10 Ω / 2% / 12 A \leq 40 Ω / 2% / 8 A
74504	750	10 A	35 Ω	1100	2.0 V.ms 50 Hz	0.13V/ 50 Hz/ 10A 0.3V/ 50 Hz/ 5A	\leq 10 Ω / 2% / 10 A \leq 40 Ω / 2% / 5 A

Data applies for one primary turn (single passage of primary wire through toroid hole). Sensitivity can be increased for lower currents by winding more than one turn.

**74500 / 74501 / 74502
74503 / 74504**





MYRRA Part N°	Sec. Turns	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max @ Frequency	Sine Vsec max @ Frequency	Typical Load/ Accuracy/ Current
74510	100	150 A	0.25 Ω	40	1 V.ms/ 20 kHz 700 V μ s/ 100 kHz	50 V/ 20 kHz 80 V/ 100 kHz	1 - 20 Ω / 1%
74511	1000	60 A	32 Ω	4000	10 V.ms/ 50 Hz	0.6 V/ 50 Hz/ 60 A 1 V/ 50 Hz/ 40 A	\leq 10 Ω / 1% / 60 A \leq 20 Ω / 1% / 40 A

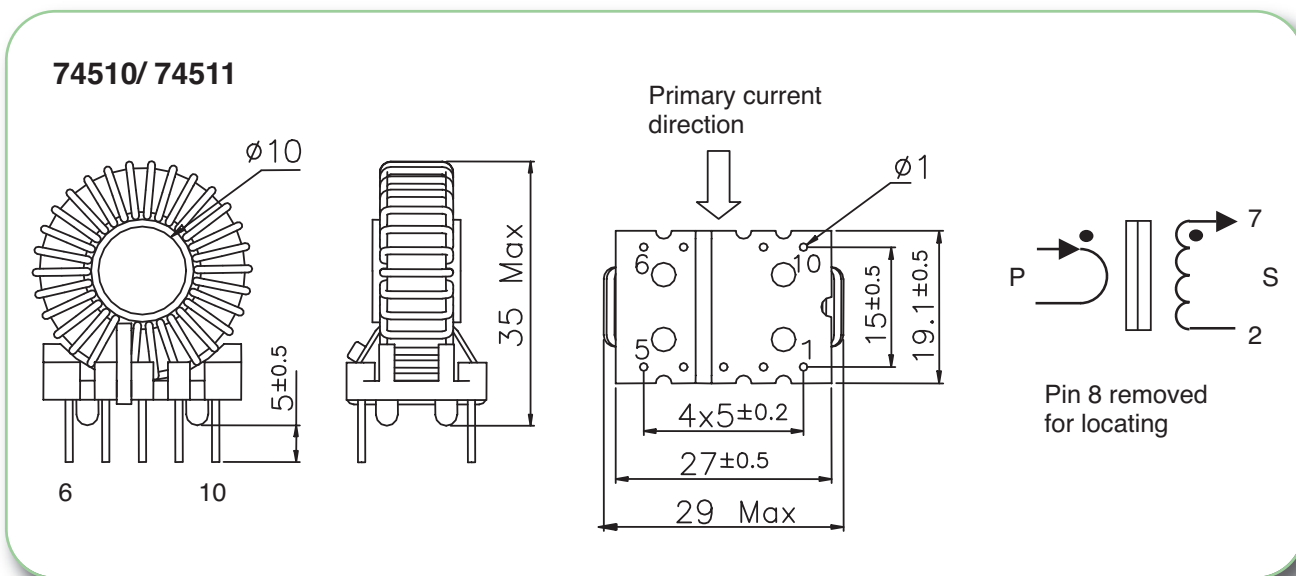
Data applies for one primary turn (single passage of primary wire through toroid hole).

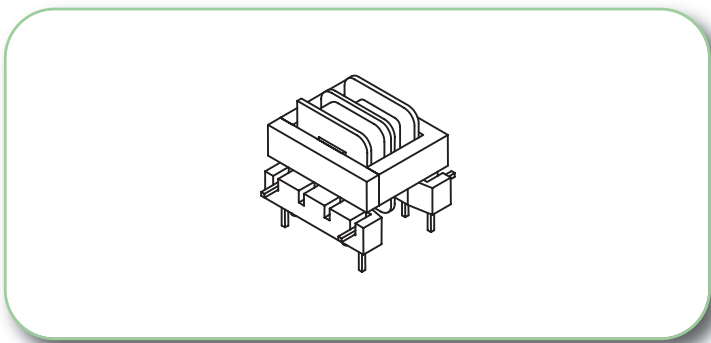
Sensitivity can be increased for lower currents by winding more than one turn.

Models with 50, 100, 200 turns are designed for switch-mode power conversion

(up to 200 kHz).

Models with 500 and 1000 turns are designed for Mains current measurement (50 to 400 Hz).





FOR SWITCH MODE POWER SUPPLIES - 20 to 150 kHz								
MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74520	1/1/100	20 A parallel 10 A serie	1.5	8	400 V.µs	50 Vrms	10 – 100 Ω / 1% / 10 A	2500 V

FOR MAINS AC CURRENT MEASUREMENT - 50 to 400 Hz								
MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74521	1/1/750	20 A parallel 10 A serie	57	300	15 V.ms	3 Vrms	≤ 75 Ω / 4% / 20 A	2500 V

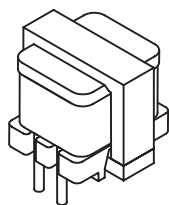
SAFETY :

These products are only composed of UL approved materials.
 These products have a construction conform to CEI950, CEI335, CEI61558 for Basic insulation (3 mm creepage distance)

HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE

74520/ 74521

Pins 6 & 7 removed for locating
PCB drill @ Ø 1.3 mm



FOR MAINS AC CURRENT MEASUREMENT - 50 to 400 Hz

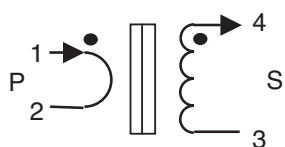
MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74523	1/ 500	15 A	155	670	30 V.ms	6 Vrms	≤ 50 Ω / 2% / 15 A ≤ 200 Ω / 5% / 10 A	1500 V

SAFETY :

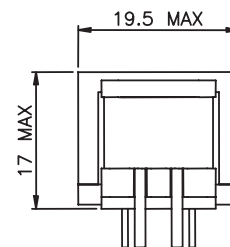
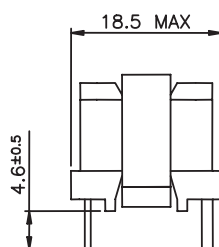
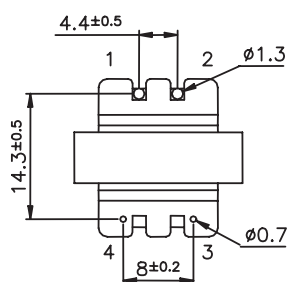
This product is only composed of UL approved materials.

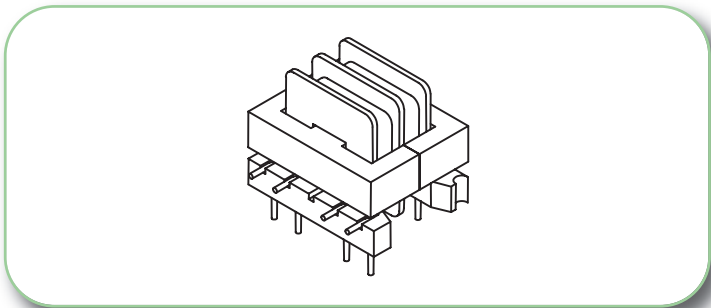
This product has a construction conform to CEI950, CEI335, CEI61558 for Functional insulation

74523



Pins 6 & 7 removed for locating PCB drill @ Ø 1.2 & 1.8 mm





FOR SWITCH MODE POWER SUPPLIES - 20 to 150 kHz

MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74530	1/1/100	25 A parallel 12.5 A serie	1	10	600 V.µs	80 Vrms	10 - 100 Ω / 1% / 25 A	2500 V

FOR MAINS AC CURRENT MEASUREMENT - 50 to 400 Hz

MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74531	1/1/1000	25 A parallel 12.5 A serie	90	4 H	8 V.ms	1.6 Vrms	≤ 50 Ω / 2% / 20 A	2500 V
74533	1/ 1000	8 A	360	17 H	15 V.ms	3 Vrms	≤ 200 Ω / 1% / 8 A ≤ 500 Ω / 1.5% / 5 A	2500 V
74534	1/ 350	4 A	380	19 H	15 V.ms	3 Vrms	≤ 100 Ω / 1% / 4 A ≤ 500 Ω / 1% / 2 A	2500 V

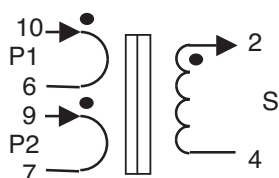
SAFETY :

These products are only composed of UL approved materials.

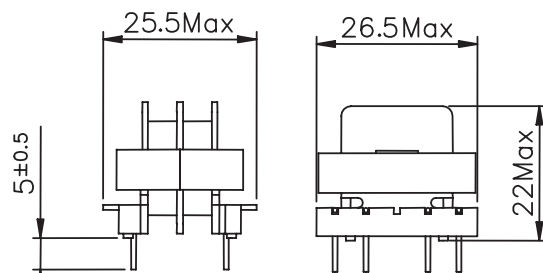
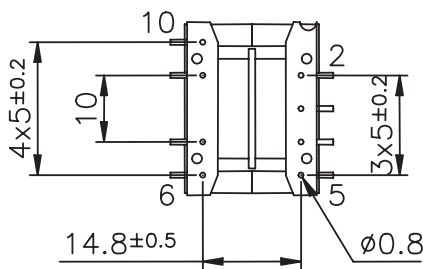
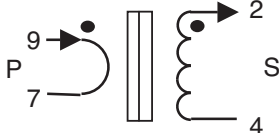
These products have a construction conform to CEI950, CEI335, CEI61558 for Basic insulation (3 mm creepage distance)

HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE

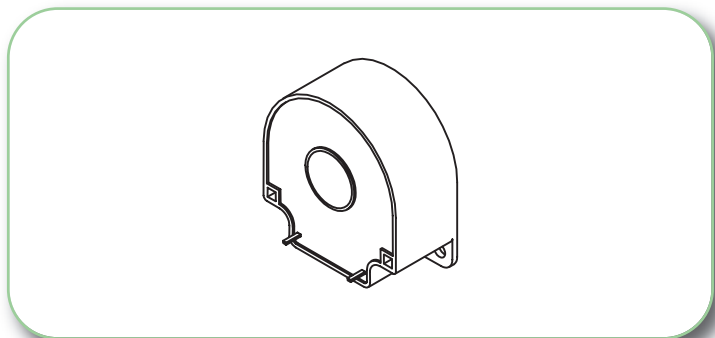
74530/ 74531



74533/ 74534



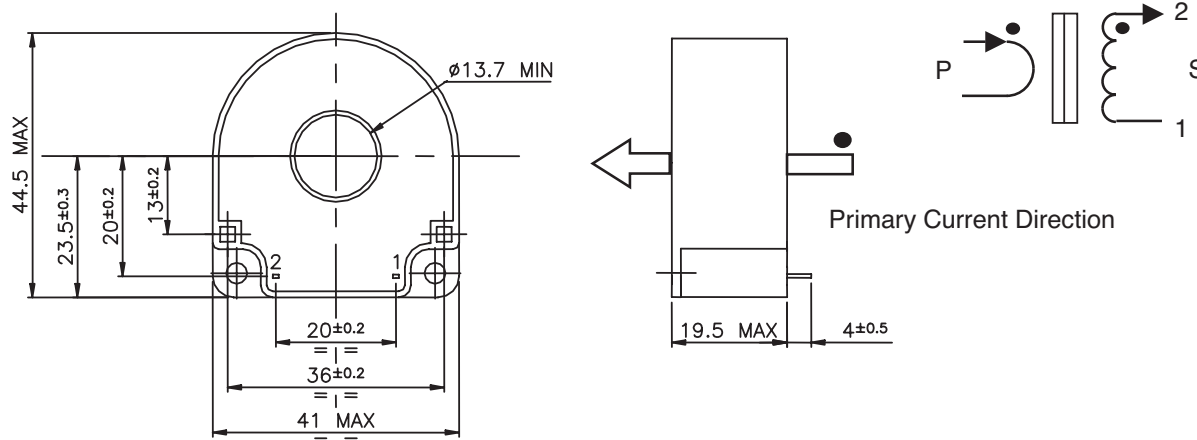
Pins 1 & 8 removed for locating
PCB drill @ Ø 1.3mm



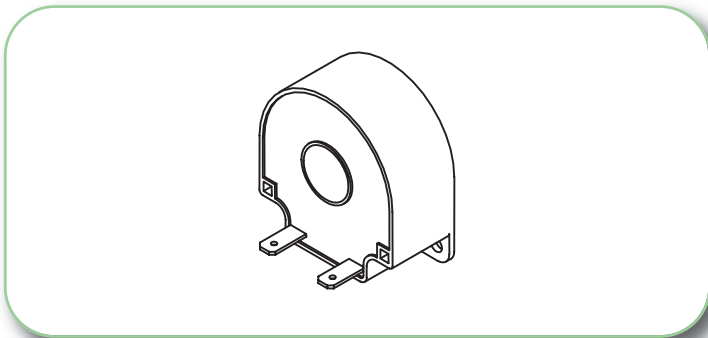
MYRRA Part N°	Sec. Turns	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max @ Frequency	Sine Vsec max @ Frequency	Typical Load/ Accuracy/ Current
74540	100	200 A	0.35Ω	50	2 V.ms/ 20 kHz 1 V.ms/ 100 kHz	150 V/ 20 kHz 150 V/ 100 kHz	1.20 Ω / 1%
74543	500	100 A	6.5 Ω	1250	10 V.ms/ 50 Hz	0.7 V/ 50Hz/ 100 A 1.2 V/ 50Hz/ 60 A	≤ 3 Ω / 1% / 100 A ≤ 10 Ω / 1% / 60 A
74546	1000	250 A	22 Ω	8000	100 V.ms/ 50 Hz	15 V/ 50 Hz/ 250 A	≤ 50 Ω / 1% / 250 A

Data applies for one primary turn (single passage of primary wire through toroid hole).
Sensitivity can be increased for lower currents by winding more than one turn.

74540/ 74543/ 74546 Pin type (for PCB) □ 0.6 x 0.95



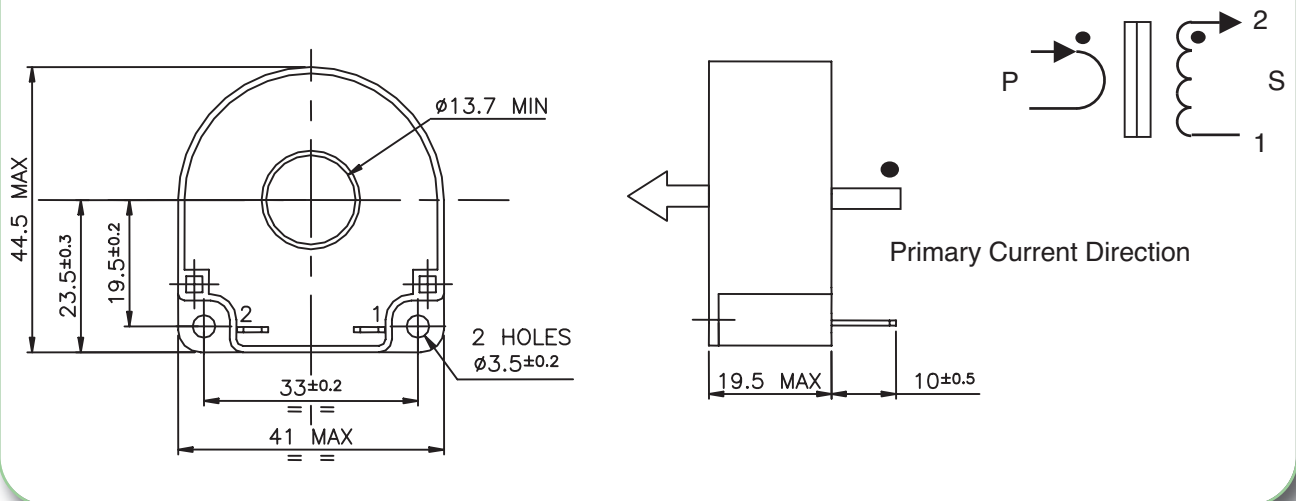
HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE

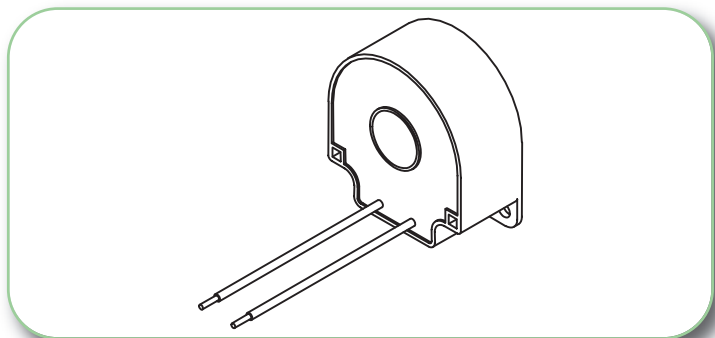


MYRRA Part N°	Sec. Turns	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max @ Frequency	Sine Vsec max @ Frequency	Typical Load/ Accuracy/ Current
74541	100	200 A	0.35 Ω	50	2 V.ms/ 20 kHz 1 V.ms/ 100 kHz	150 V/ 20 kHz 150 V/ 100 kHz	1..20 Ω / 1%
74544	500	100 A	6.5 Ω	1250	10 V.ms/ 50 Hz	0.7 V/ 50Hz/ 100 A 1.2 V/ 50Hz/ 60 A	\leq 3 Ω / 1% / 100 A \leq 10 Ω / 1% / 60 A
74547	1000	250 A	22 Ω	8000	100 V.ms/ 50 Hz	15 V/ 50 Hz/ 250 A	\leq 50 Ω / 1% / 250 A

Data applies for one primary turn (single passage of primary wire through toroid hole). Sensitivity can be increased for lower currents by winding more than one turn.

74541/ 74544/ 74547 FASTON Connectors (4.8 x 0.8)

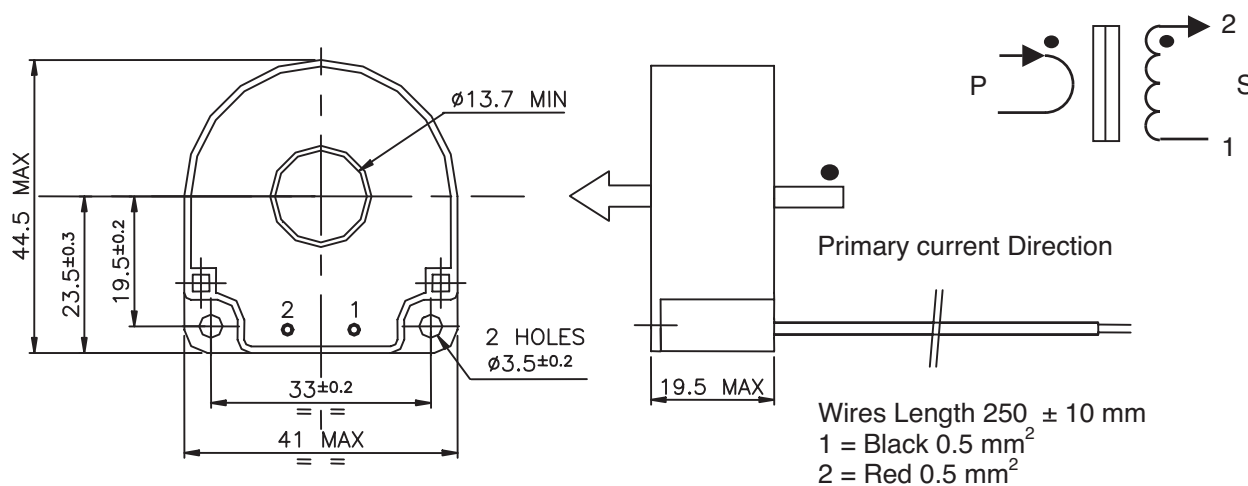


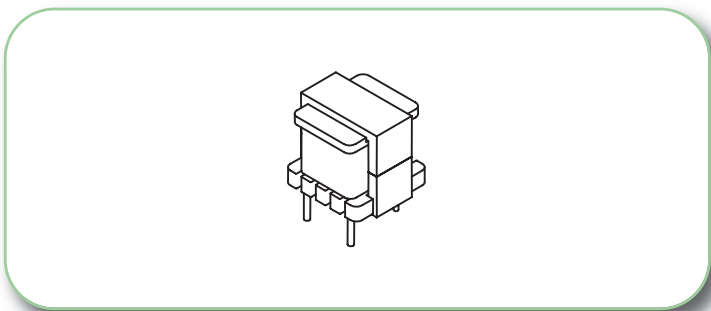


MYRRA Part N°	Sec. Turns	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max @ Frequency	Sine Vsec max @ Frequency	Typical Load/ Accuracy/ Current
74542	100	200 A	0.35 Ω	50	2 V.ms/ 20 kHz 1 V.ms/ 100 kHz	150 V/ 20 kHz 150 V/ 100 kHz	1..20 Ω / 1%
74545	500	100 A	6.5 Ω	1250	10 V.ms/ 50 Hz	0.7 V/ 50Hz/ 100 A 1.2 V/ 50Hz/ 60 A	$\leq 3 \Omega$ / 1% / 100 A $\leq 10 \Omega$ / 1% / 60 A
74548	1000	250 A	22 Ω	8000	100 V.ms/ 50 Hz	15 V/ 50 Hz/ 250 A	$\leq 50 \Omega$ / 1% / 250 A

Data applies for one primary turn (single passage of primary wire through toroid hole). Sensitivity can be increased for lower currents by winding more than one turn.

74542/ 74545/ 74548 Wires type





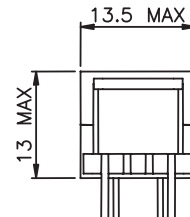
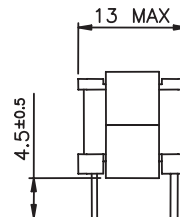
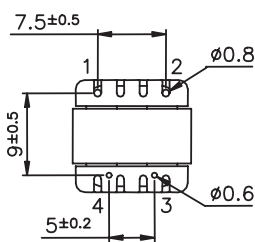
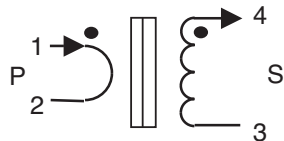
FOR SWITCH MODE POWER SUPPLIES - 20 to 150 kHz								
MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74550	1/ 100	10	2.3	6	250 V.µs	40 Vrms	10 – 100 Ω / 1% / 10 A	1500 V

SAFETY :

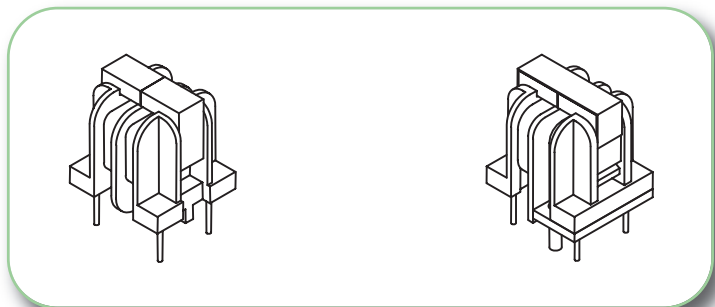
This product is only composed of UL approved materials.

This product has a construction conform to CEI950, CEI335, CEI61558 for functional insulation

74550



PCB drill @ Ø 1 & 1.3 mm



FOR SWITCH MODE POWER SUPPLIES - 20 to 150 kHz

MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74560	1/ 100	10	1.1	12	300 V.µs	25 Vrms	5 – 50 Ω / 1% / 10 A	4000 V
74562	1/ 100	25	1.1	12	300 V.µs	25 Vrms	5 – 50 Ω / 1% / 25 A	4000 V

FOR MAINS AC CURRENT MEASUREMENT - 50 to 400 Hz

MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74561	1/ 2000	8 A	400	4.5 H	5 V.ms	1 Vrms	≤ 100 Ω / 2% / 6 A	4000 V

SAFETY :

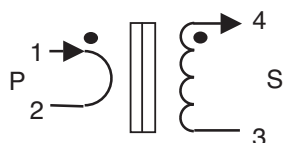
These products are only composed of UL approved materials.

These products have a construction conform to CEI950, CEI335, CEI61558 for Reinforced insulation

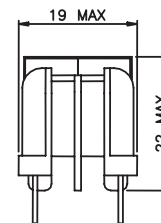
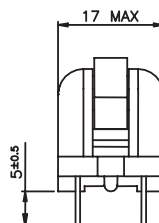
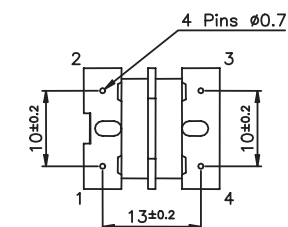
74560, 74561 : 8 mm creepage distance

74562 : 6 mm creepage distance

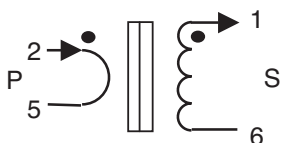
74560/ 74561



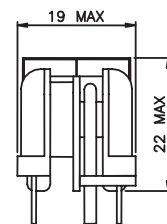
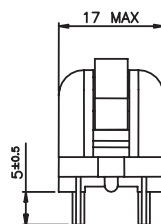
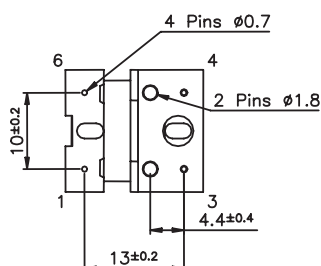
PCB drill @ Ø 1.1 & 2.2 mm



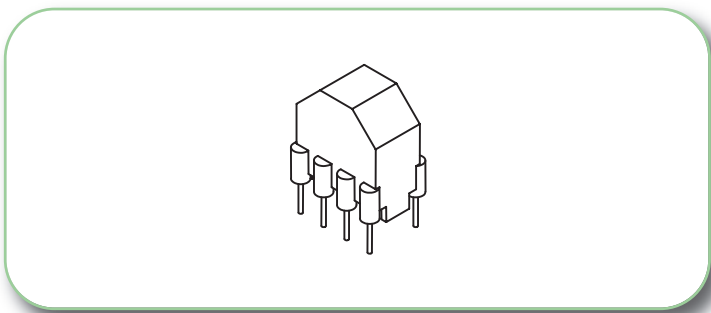
74562



PCB drill @ Ø 1.1 & 2.2 mm



HIGH FREQUENCY FERRITE
CURRENT TRANSFORMERS RANGE



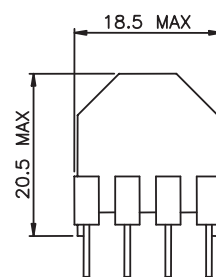
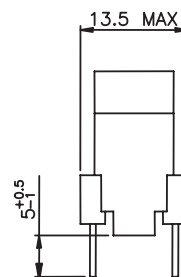
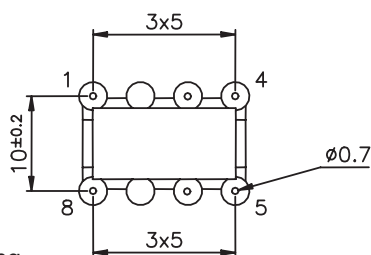
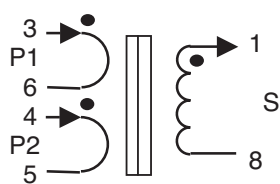
FOR SWITCH MODE POWER SUPPLIES - 20 to 150 kHz								
MYRRA Part N°	Ratio	Max Pri. Current A rms	Rsec. Ω max	Lsec. mH min	Pulse Vsec x t max	Sine Vsec rms max	Typical Load/ Accuracy/ Current	Insulation Voltage P/ S
74570	1/1/50	20 A parallel 10 A serie	0.32	9	150 V. μ s	12 Vrms	5 – 25 Ω / 1% / 20 A	4000 V

SAFETY :

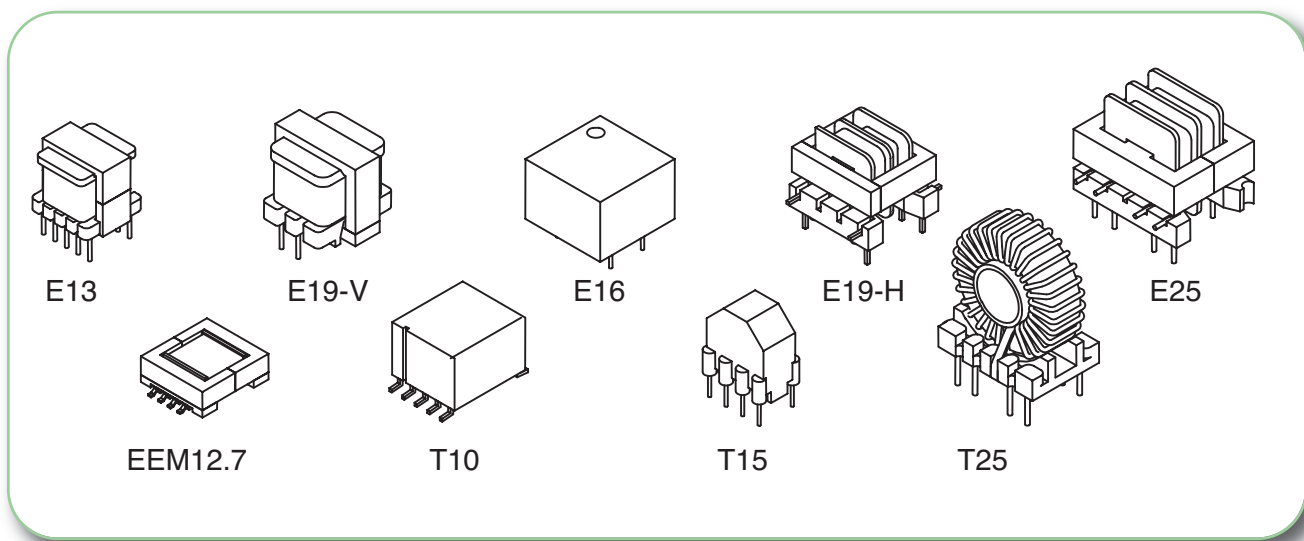
This product is only composed of UL approved materials.

This product has a construction conform to CEI950, CEI335, CEI61558 for Reinforced insulation (8 mm creepage distance)

74570

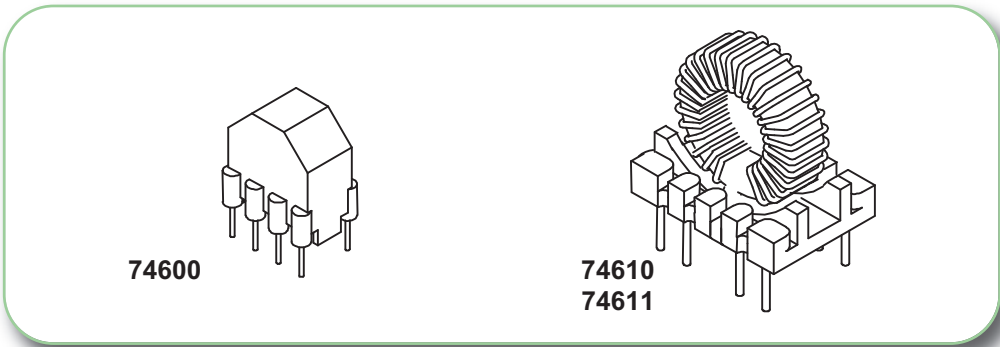


Pins 2 & 7 removed for locating
PCB drill @ \varnothing 1.1mm



To be used for MOSFET or IGBT Drive, SCR triggering, DC/DC power conversion, Voltage isolation.

MYRRA Part N°	SIZE	Ratio	
74600	Size T15	Ratio 1 / 1 / 1	Low stray inductance
74610	Size T25	Ratio 1 / 1 / 1	Low stray inductance
74611	Size T25	Ratio 1 / 1 / 1	Low stray inductance
74620	Size E19-H	Ratio 1 / 1 / 1	Low coupling capacitance
74621	Size E19-H	Ratio 3 / 1 / 1	Low coupling capacitance
74630	Size E25	Ratio 1 / 1 / 1	Low coupling capacitance
74631	Size E25	Ratio 3 / 1 / 1	Low coupling capacitance
74640	Size E19-V	Ratio 1 / 5	For voltage step-up
74641	Size E19-V	Ratio 1 / 10	For voltage step-up
74650	Size E13	Ratio 1 / 1 / 1	Small size
74710	Size E16	Ratio 1 / 1	Low coupling capacitance
74660	Size EEM12.7	Ratio 1CT / 1.3CT	SMD
74661	Size EEM12.7	Ratio 1CT / 1CT	SMD, for DC/DC converter
74670	Size T10	Ratio 1CT / 1.3	SMD, Low stray inductance



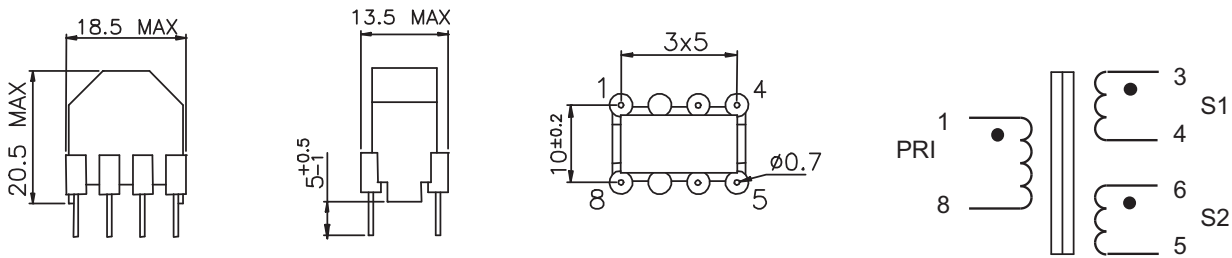
MYRRA Part N°	Ratio P/S1/S2	L pri. +/-30%	Current / winding Arms max	Resistance / winding Ω max	Pulse E x t V.µs max	square V / kHz max	C P/S pF max	Lleak P/S max	Insulation Voltage	
									P/S	S1/S2
74600	1 / 1 / 1	4 – 8	0.6	0.35	150 V.µs	0.4	120 pF	1.0 µH	4 kV	4 kV
74610	1 / 1 / 1	0.6 – 1.2	1.7	0.07	150 V.µs	0.4	35 pF	0.6 µH	4 kV	4 kV
74611	1 / 1 / 1	2.5 - 5	1.2	0.14	300 V.µs	0.8	90 pF	1.2 µH	4 kV	4 kV

- Toroid core gives best coupling, lowest leakage inductance, fast rise time.
- Pulse (E.t rating) is given for bipolar (symetrical) pulse. Value is reduced for unipolar pulse.

SAFETY :

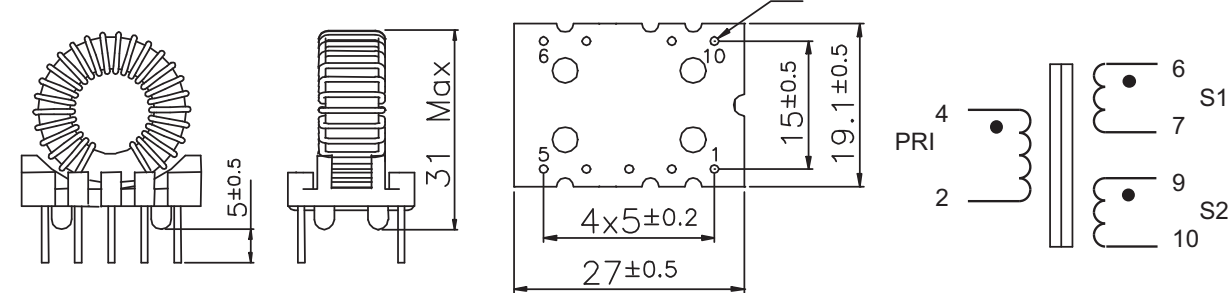
- These products are only composed of UL-V0 approved materials.
- Insulation test voltage : 4000 Vrms
- This product has a construction conform to CEI950, CEI335, CEI61558 for Reinforced insulation (8 mm creepage distance)

74600 Size T15

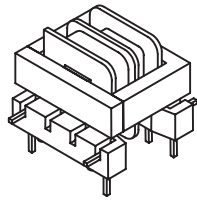


Pins 2 & 7 removed for locating PCB drill @ Ø 1.1mm Weight ≈ 6 g

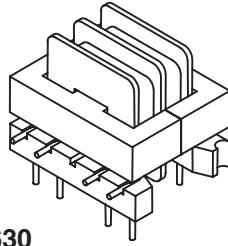
74610 - 74611 Size T25



Pin 8 removed for locating PCB drill @ Ø 1.3mm Weight ≈ 18 g



74620
74621



74630
74631

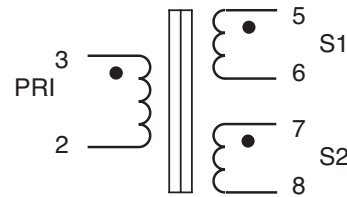
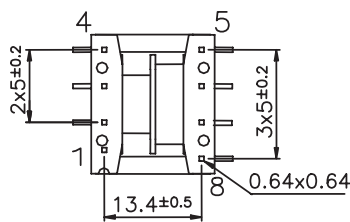
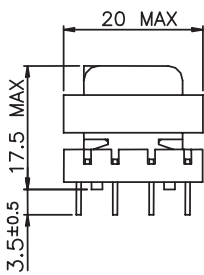
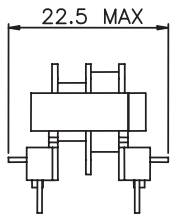
MYRRA Part N°	Ratio P/S1/S2	L pri. +/-30%	Current / winding Arms max	Resistance / winding Ω max	Pulse E x t V.µs max	square V / kHz max	C P/S pF max	Leak P/S max	Insulation Voltage	
									P/ S	S1/S2
74620	1 / 1 / 1	3.2 mH	0.5	1.0	350 V.µs	0.6	5 pF	70 µH	2.5 kV	1.5 kV
74621	3 / 1 / 1	17 mH	0.3	2.0	800 V.µs	1.5	5 pF	400 µH	2.5 kV	1.5 kV
74630	1 / 1 / 1	2 mH	1	0.4	500 V.µs	0.8	7 pF	60 µH	2.5 kV	1.5 kV
74631	3 / 1 / 1	10 mH	0.45	0.8	1000 V.µs	1.7	7 pF	300 µH	2.5 kV	1.5 kV

- Principally dedicated to SCR triggering
- Designed for minimum coupling capacitance

SAFETY :

These products are only composed of UL-V0 approved materials.

74620 - 74621 Size E19-H

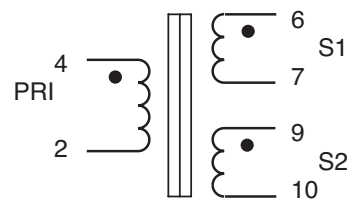
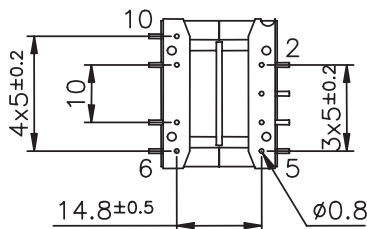
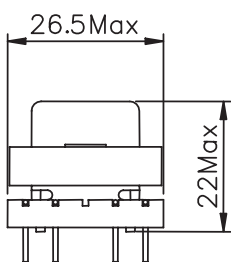
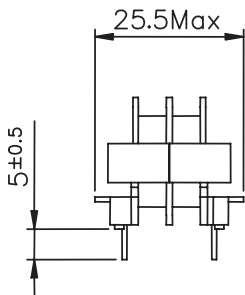


Pin 1 removed for locating

PCB drill @ Ø 1.3mm

Weight ~ 12 g

74630 - 74631 Size E25

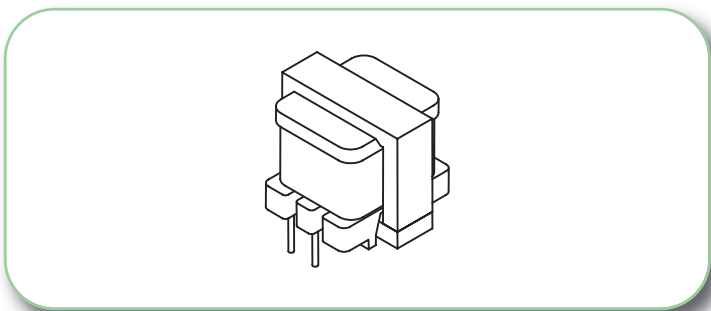


Pins 1 & 8 removed for locating

PCB drill @ Ø 1.3mm

Weight ~ 20 g

HIGH FREQUENCY FERRITE PULSE TRANSFORMERS

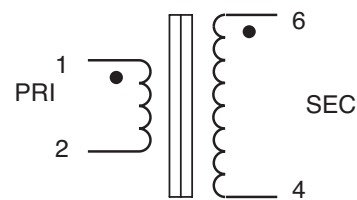
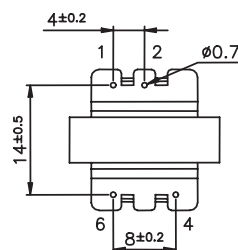
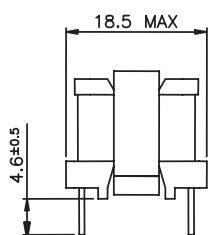
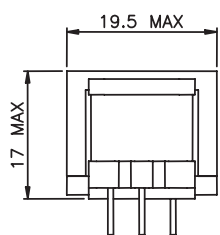


MYRRA Part N°	Ratio P/S	L pri. +/-30%	Current Arms max	Resistance Ω max	Pulse Vsec . t max	Sine Vsec. max	Insulation Voltage P/S
74640	1 / 5	11 mH	Pri : 0.5 Sec : 0.1	Pri : 1.0 Sec : 31	16 V.ms	4 Vrms / 50 Hz 50 Vrms / 5 kHz	1500
74641	1 / 10	11 mH	Pri : 0.4 Sec : 0.04	Pri : 1.8 Sec : 80 Ω	33 V.ms	8 Vrms / 50 Hz 100 Vrms / 5 kHz	1500

SAFETY :

- These products are only composed of UL-V0 approved materials.

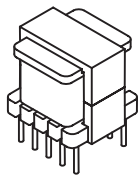
74640-74641 Size E19-V



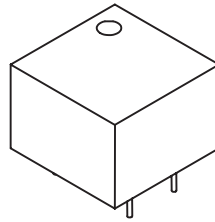
Pins 3 & 5 removed for locating

PCB drill @ \varnothing 1.1mm

Weight \approx 14 g



74650



74710

MYRRA Part N°	Ratio P/S1/S2	L pri.	Current / winding Arms max	Resistance / winding Ω max	Pulse E x t V.µs max	square V / kHz max	C P/S pF max	Lleak P/S max	Insulation Voltage	
									P/ S	S1/S2
74650	1 / 1 / 1	500 µH +/-30%	0.6	0.28	120 V.µs	20V/ 100kHz	12 pF	2 µH	1.5 kV	1.5 kV
74710	1 / 1	2 mH +/-40%	0.6	0.6	300 V.µs	50V/ 100kHz	6 pF	44 µH	4 kV	

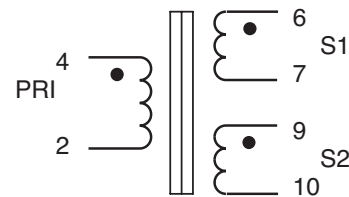
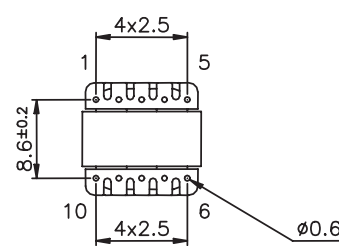
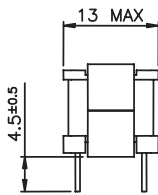
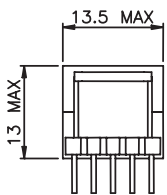
- 74650 is principally designed for Mosfet drive in SMPS (Forward or Bridge converters)
- 74710 is principally designed for SCR Triggering

SAFETY :

These products are only composed of UL-V0 approved materials.

The product 74710 has a construction conform to CEI950, CEI335, CEI61558 for Reinforced insulation (8 mm creepage distance)

74650 Size E13

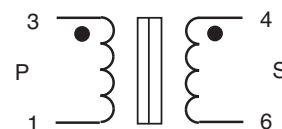
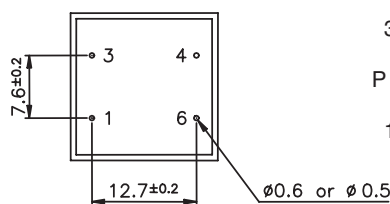
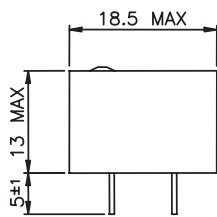
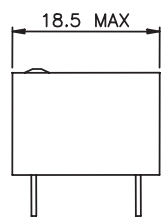


Pin 8 removed for locating

PCB drill @ Ø 1.1mm

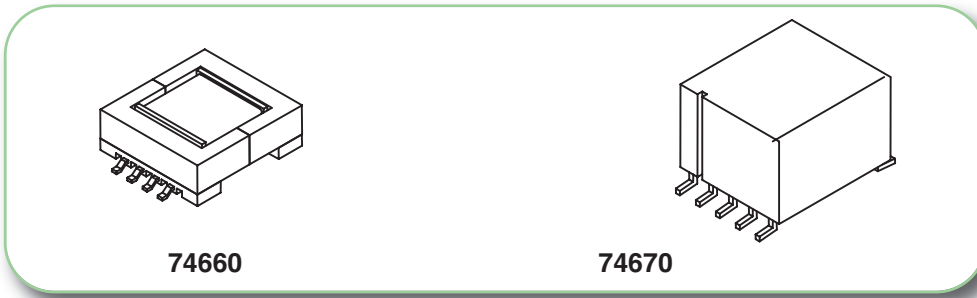
Weight ≈ 4 g

74710 Size E16



PCB drill @ Ø 1.1mm

Weight ≈ 8 g



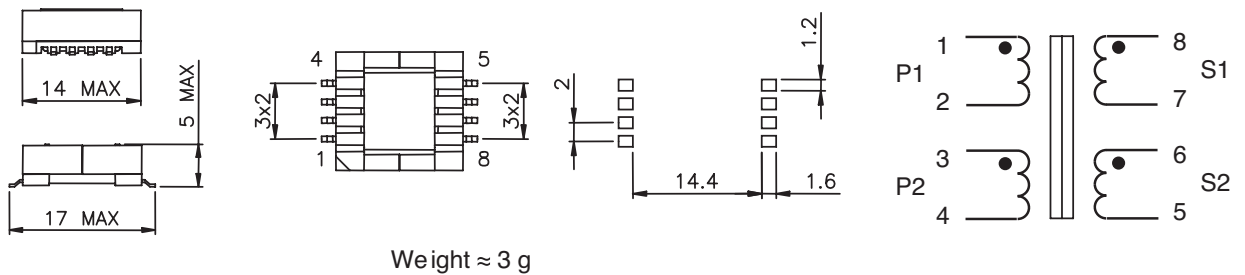
MYRRA Part N°	Ratio P/S	L pri.	Current / winding max	Resistance / winding Ω max	Pulse E x t max P1 or P2	square V / kHz max P1 or P2	C P/S pF max	Lleak P/S max	Insulation Voltage
									P/ S
74660	1+1 / 1.3+1.3	240 μ H +/-30%	0.2 Arms	0.9	50 V, μ s	15V 100 – 500kHz	20 pF	0.35 μ H	0.5 kV
74661	1+1 / 1+1	10 μ H +/-10%	3 Apeak 0.5 Arms	0.2	30 V, μ s	0.05 V / kHz 100 – 400kHz	20 pF	0.2 μ H	0.5 kV
74670	1+1 / 1.3	220 μ H +/-30%	0.4 Arms	0.25	15 V, μ s	0.03 V / kHz 100 – 500kHz	12 pF	0.4 μ H	4 kV

- 74660 can be used in association with MAXIM MAX250 or MAX253
- 74661 can be used in association with LINEAR TECHNOLOGY LT1424
- 74660 can be used in association with MAXIM MAX845

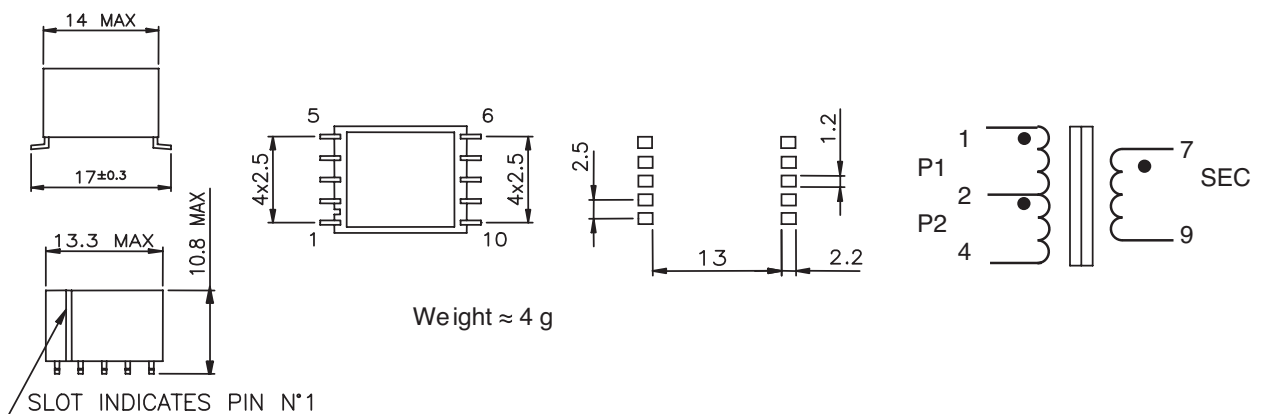
SAFETY :

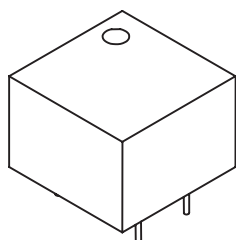
These products are only composed of UL-V0 approved materials.

74660 – 74661 Size EEM12.7

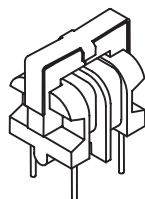


74670 – 74714 Size T10

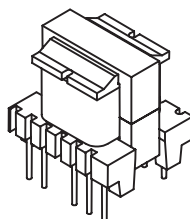




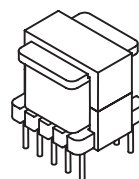
74710 - 74716 - 74717



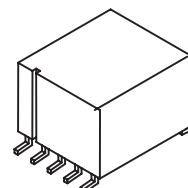
74711



74712



74713



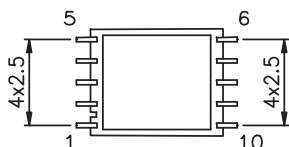
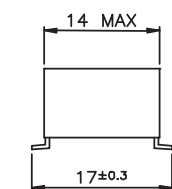
74714 - 74715

- Designed for coupling signals to power line
- Adapted for use with Modem Circuits : **ST7537**, **ST7538**, **TDA5051** or **IC/SS**

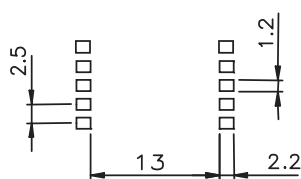
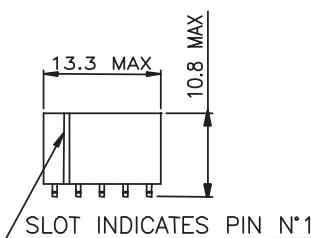
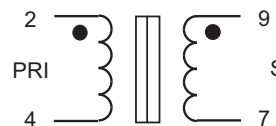
MYRRA Part N°	Inductance (µH)	Leakage Inductance (µH)	Resistance per winding P / S (max)	Frequency range	Turns ratio P / S	Max Sec. current (mA rms) (50 - 60 Hz)	Insulation (Vrms)	Size
74714	1300 +/-40 % (2-4)	< 0.5	0.2 Ω / 0.2 Ω	10 – 200kHz	1 / 1	4	5500	T10-SMD
74715	3.0 +/-25 % (7-9)	< 0.1	0.06 Ω / 0.1 Ω	1 – 20 MHz	2 / 1+1	200	4000	T10-SMD

74714 - 74715

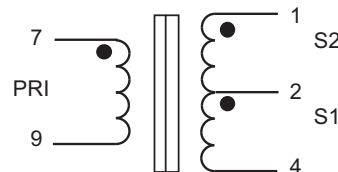
Reinforced insulation, creepage distance > 8 mm



74714



74715



HIGH FREQUENCY FERRITE
POWER LINE COMMUNICATION

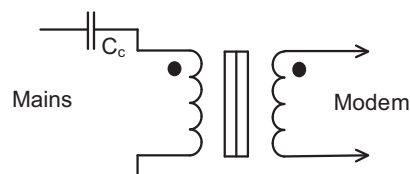


MYRRA Part N°	Inductance (µH)	Leakage Inductance (µH)	Resistance per winding P/ S (max)	Frequency range	Turns ratio P/ S	Max Sec. current (mA rms) (50 - 60 Hz)	Insulation (Vrms)	Size
74710	2000 +/-40 % (1 - 3)	44 +/-7%	0.6 Ω / 0.6 Ω	10 - 450kHz	1 / 1	10	4000	EF16-H-4P
74711	2900 +/-40% (1 - 2)	44 +/-7%	1 Ω / 1 Ω	10 - 200kHz	1 / 1	4	1500	U9.8-4P
74716	45000 +/- 40 % (3 - 1)	1500 +/-10 %	12 Ω / 14 Ω	10 - 200kHz	1/1.15	4	4000	EF 16 H - 5P
74717	400 +/- 40 % (3 - 1)	14.4 +/- 10 %	0.3 Ω / 0.5 Ω	20 - 450kHz	1/1.67	40	4000	EF 16 H - 5P

• 74710 - 74711 - 74716 - 74717

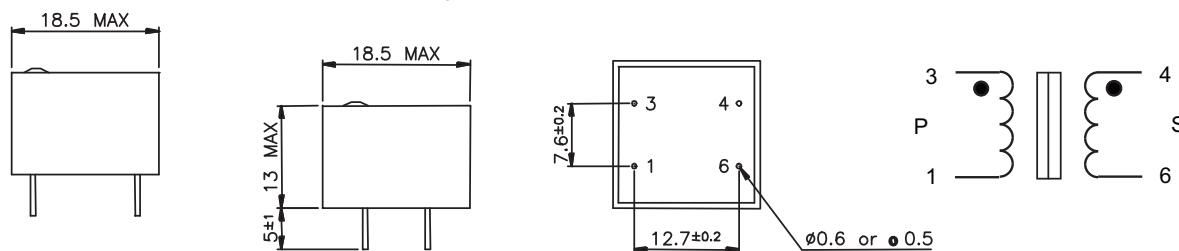
Typical application :

Designed for resonance of series coupling capacitor and the transformer leakage inductance.

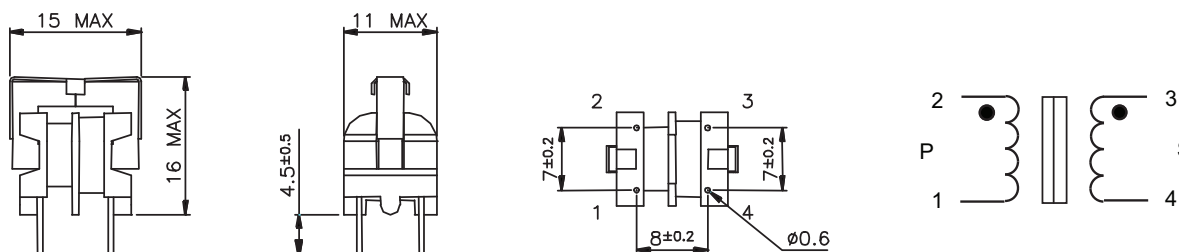


MYRRA Part N°	Series Resonance Frequency (kHz)	Mains Coupling capacitance (nF)
74710	132.5	33
74711	132.5	33
74716	50	6.8
74717	40 - 90	470

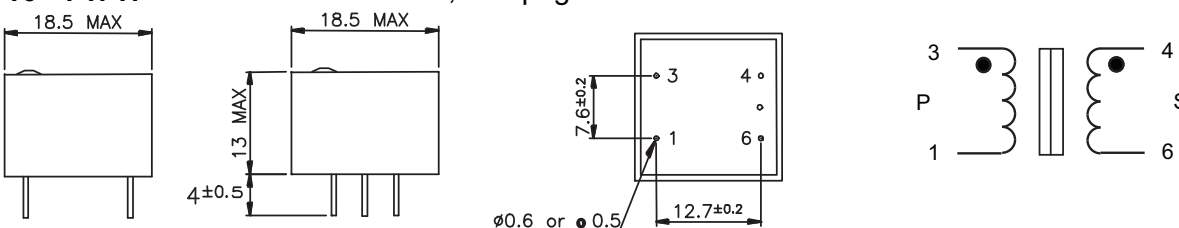
74710 Reinforced insulation, creepage distance > 8 mm



74711 Functional insulation



74716 - 74717 Reinforced insulation, creepage distance > 8 mm



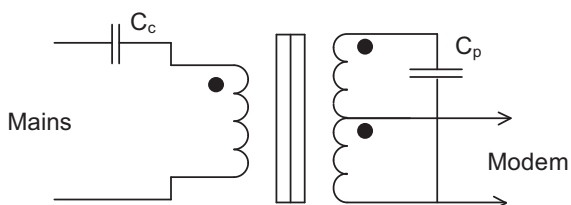


MYRRA Part N°	Inductance (μH)	Leakage Inductance (μH)	Resistance per winding P / S (max)	Frequency range	Turns ratio P / S	Max Sec. current (mA rms) (50 - 60 Hz)	Insulation (Vrms)	Size
74712	212 +/-10 % (2-5)	< 5 (2-5)	0.8 Ω / 0.04 Ω	10kHz – 1MHz	5+1 / 1	500	4000	E16-V-10P
74713	144 +/-10 % (2-5)	< 5	0.5 Ω / 0.5 Ω	10 – 450kHz	5+1 / 5+1	200	1500	E13-V-10P

• 74712 - 74713

Typical application :

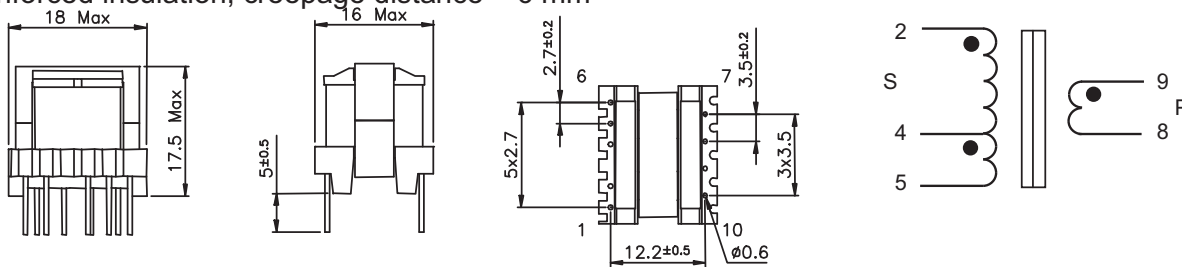
Designed for resonance of parallel capacitor with the primary magnetizing inductance.



MYRRA Part N°	Parallels Resonance Frequency (kHz)	Mains Coupling capacitor(nF)	Parallel capacitor (nF)
74712	132.5	33	6.8
74713	132.5	33	10

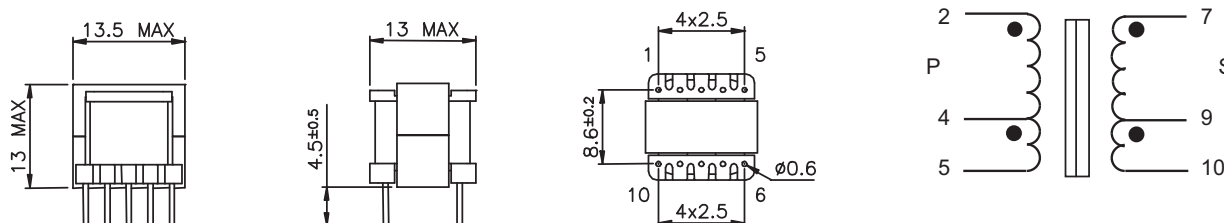
74712

Reinforced insulation, creepage distance > 6 mm



74713

Functional insulation



Available sizes
Values
Applications
PI SERIES

Power inductors

 32 - 42 - 43 - 53 - 54 - 73
75 - 104 - 105

 1 to 820 μH
0,24 to 6.8 A

 DC-DC converters - DC-AC inverters
Switching power supplies

SPI SERIES

Shielded Power inductors

73 - 74 - 124 - 125 - 127

 1.2 to 1000 μH
10.6 to 0.18 Arms

 DC-DC converters - DC-AC inverters
Chargers

MWI SERIES

Moulded wound inductors

 1210 - 1812 - 2220
P : 1070 - 474

 0,1 μH to 10 mH
1,8 to 0,025 A

Mobile phones - Computers

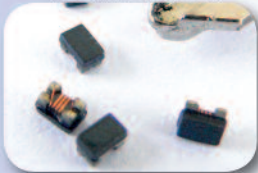
WCI SERIES

Wound chip inductors

 0805 - 0603 - 0402
1008

 10H to 1000 μH
1,3 A to 280 mArms

Mobile phones - PDA

WCM SERIES

Wound Common mode chips

0805 - 1206

 67 to 2200 Ω
400 to 280 mArms

 TV Tuners
Unbalance mode conversion

MCB SERIES

Multilayer chips beads

 0402 - 0603 - 0805
1206 - 1806

 10 to 2000 Ω
6A to 50 mA

Mobile phones - Computers

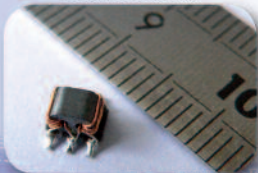
MCI SERIES

Multilayer chip inductor

 0402 - 0603 - 0805
1206

 10H to 10 μH
300 to 15 mA

Mobile phones - Computers

SB SERIES

Surface mounted Balun Coils

on request

on request

Computers - Radio

Available sizes
Values
Applications
DC SERIES


(\emptyset xH) mm : 04x06 - 05x07
06x07 - 07x08 - 07x10
08x09 - 09x12 - 10x13 - 11x12
-11x14 - 11x18 - 13x15

Drum Cores

1 μ H to 150 mH -
9.3 to 0.03 ADC

DC-DC converters
ADSL- computers

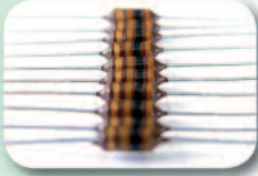
RC SERIES


(\emptyset xL) : 02x06 - 03x10
04x15 - 05x20 - 06x30

Rod Chokes

1 to 56 μ H -
0.56 to 1.57 ADC

Power supplies - Power amplifiers

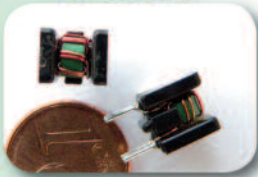
AI SERIES


(\emptyset xL) : 04x09
p : 12.5

Axial inductors

0.1 μ H to 3.9 mH -
30 to 1200 mA

Audio - General appliances

LF SERIES

Line Filter Coils

10 - 40 - 60 - 80 μ H

Power supplies - AC adapters

TC SERIES

Toroids Coils

4.7 to 120 μ H
500 mA

High frequency noise absorption
Counter-measures

CMT SERIES

Common Mode Toroids

on request

on request

Power supply
EMI suppression
Wideband chokes

ES SERIES

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