

環形變壓器主要參數規格

型號	容量	外形尺寸	安裝尺寸	空載電流	重量	效率	
BOD20	20VA	70X33	60X60	10mA	0.5	95%	
BOD30	30VA	72X33	60X60	10mA	0.7	95%	
BOD40	40VA	80X35	06X60	12mA	0.85	95%	
BOD50	50VA	85X35	75X75	12mA	1.0	95%	
BOD60	60VA	88X36	75X75	12mA	1.1	95%	
BOD80	80VA	90X48	85X85	15mA	1.4	95%	
BOD100	100VA	100X50	85X85	18mA	1.8	95%	
BOD120	120VA	100X52	85X85	18mA	1.9	95%	
BOD150	150VA	105X52	85X85	20mA	2.3	95%	
BOD200	200VA	110X52	95X95	23mA	2.5	95%	
BOD250	250VA	115X55	95X95	23mA	2.8	95%	
BOD300	300VA	120X60	95X95	25mA	3.3	95%	
BOD350	350VA	120X65	105X105	28mA	3.8	95%	
BOD400	400VA	125X65	105X105	30mA	4.2	95%	
BOD500	500VA	130X70	115X115	35mA	5.1	95%	
BOD600	600VA	135X70	115X115	40mA	5.6	95%	
BOD800	800VA	150X85	130X130	45mA	6.5	95%	
BOD1000	1000VA	160X85	130X130	50mA	7.9	95%	
BOD1200	1200VA	165X90	130X130	55mA	8.5	95%	
BOD1500	1500VA	170X95	130X130	60mA	10.5	95%	
BOD2000	2000VA	195X90	150X150	65mA	13.5	95%	
BOD2500	2500VA	200x95	150X150	70mA	15	95%	
BOD3000	3000VA	200X100	150X150	70mA	16.5	95%	
BOD4000	4000VA	205X115	150X150	80mA	20	95%	
BOD5000	5000VA	210X140	192X192	100mA	25	95%	
BOD6000	6000VA	230X150	192X192	120mA	29	95%	
BOD8000	8000VA	250X170	192X192	150mA	36	95%	
BOD10000	10000VA	280X180	192X192	160mA	48	95%	
BOD20000	20000VA	330x220	無	220mA	68	95%	

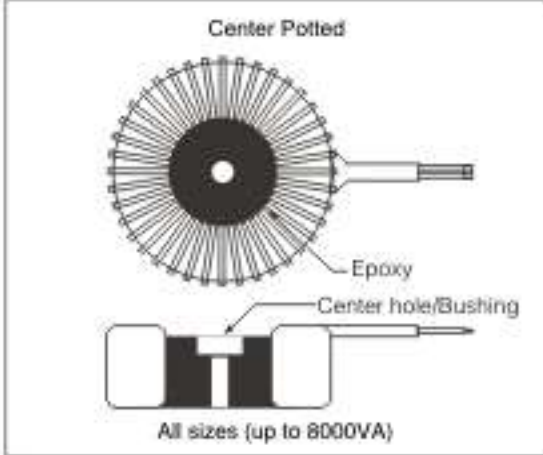
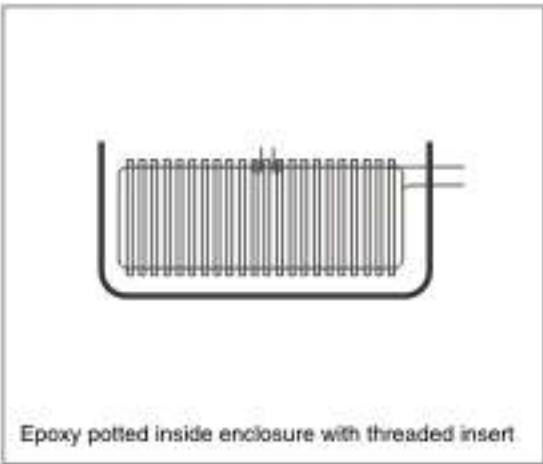
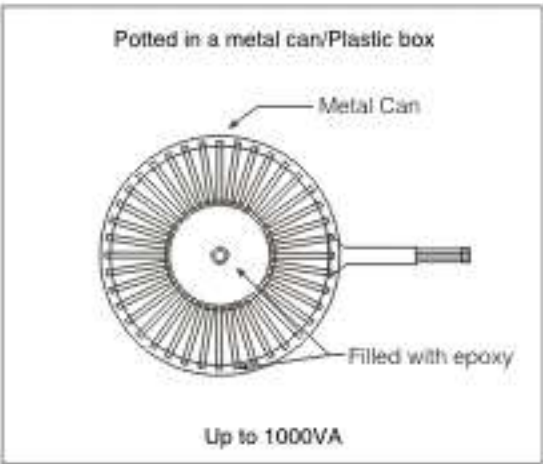
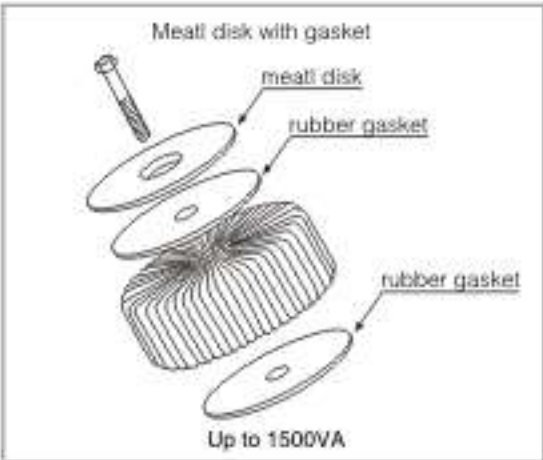
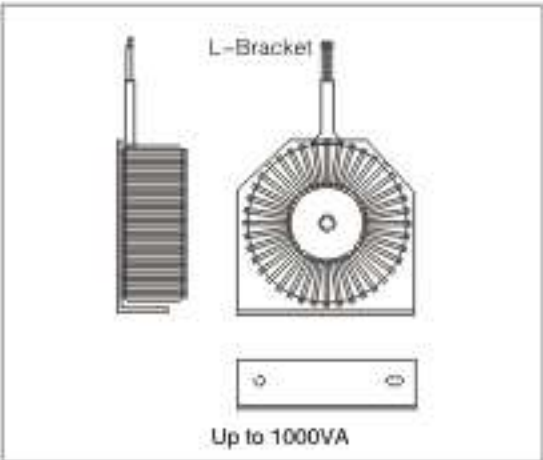
Toroidal Transformer Mounting & Kits

环型变压器的安装与配件

We supply flexible mounting ways for toroidal transformers, standardly with One Metal plate, Two Rubber pads, One set of bolt & nut with a washer. Specified-volume centre-potting or customized various mounting brackets with holes are available. Soft bottom pads may be UL approved or High flame resistance.

我们为环型变压器提供方便的安装方式，标准配件为：1只金属压盖，2只橡胶垫，1套螺丝螺杆和弹垫。同时，根据要求可实现变压器中心定量浇注环氧树脂以及定制各种底部安装支架。底部软垫可提供UL材质或高温材质。

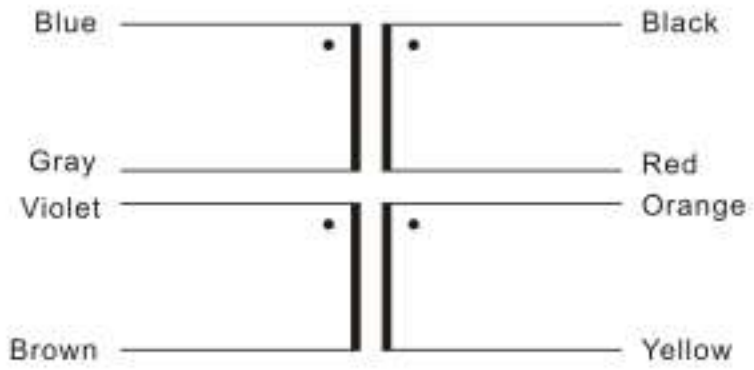
Mounting Kits Sizes (mm) 安装配件尺寸(mm)			Mounting Kits Sizes (mm) 安装配件尺寸(mm)		
VA	Plate & pads (Φ)	Fixing Bolt	VA	Plate & pads (Φ)	Fixing Bolt
15	50	M5 x 45	160	90	M5 x 65
25	50	M5 x 45	225	90	M5 x 65
30	50	M5 x 45	230	90	M5 x 65
40	50	M5 x 45	300	90	M5 x 65
50	50	M5 x 45	330	90	M5 x 65
60/63	70	M5 x 50	500	110	M5 x 80
80	70	M5 x 50	625	110	M5 x 80
100	70	M5 x 50	800	110	M5 x 80
120	70	M5 x 50	1000	110	M5 x 80



- 130 Degree C Thermal Cutoff and Thermal Switch 105 Deg C Through 150 Deg C can be fitted when required.
- Custom Design Available
- All data are subject to modification without prior notice
- All rights reserved

- 应客户要求，130度一次性熔断温度保险丝和105度到150度温度开关可以装入变压器。
- 接受客户定做
- 未经通知可以自行调整参数
- 保留版权

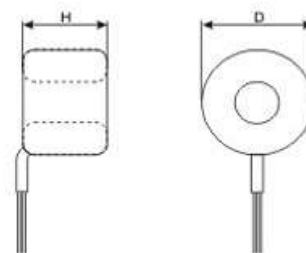
Electrical Schematics / 电气原理图



MOUNTING FIGURES

安装方式

Toroidal Transformer for Audio 音响用环型变压器



External Dimension 外形尺寸

Wanji offers a variety of Audio application Toroidal transformers for specific needs. All are constructed to meet low mechanical noise and low stray field noise.

万吉提供各种音响用环型变压器，低噪音、低漏磁，广泛应用于各种中高端音响。

■ SPECIFICATION 规格:

- Power Range功率范围: 30VA to 4000VA
- Input/Output输入/输出: Customized客户定制
- Insulation Class绝缘等级: UL class B, F, H, N. (Optional可选)
- Isolation 隔离: 4KV (Hi-pot 耐压)

Rated Power (VA) 额定功率	Outside Dimension D*H(mm) 外形尺寸	Weight (Kg) 重量	Temp. Rise (°C) 温升	Approval 产品认证
50	80*37	0.71	45	UL/CE/RoHS/CQC
100	95*45	1.24	51	UL/CE/RoHS/CQC
200	112*52	2.04	52	UL/CE/RoHS/CQC
250	118*53	3.36	53	UL/CE/RoHS/CQC
500	140*65	4.20	55	UL/CE/RoHS/CQC
1000	170*75	7.20	58	UL/CE/RoHS/CQC
1500	180*85	9.75	60	UL/CE/RoHS/CQC
2000	185*105	12.00	62	UL/CE/RoHS/CQC
3000	200*120	16.60	64	UL/CE/RoHS/CQC
5000	230*135	24.00	65	UL/CE/RoHS/CQC

Remark: All data are subjected to modification without prior notice.

备注: 未经通知可自行调整参数。

TOROIDAL TRANSFORMER

环型变压器

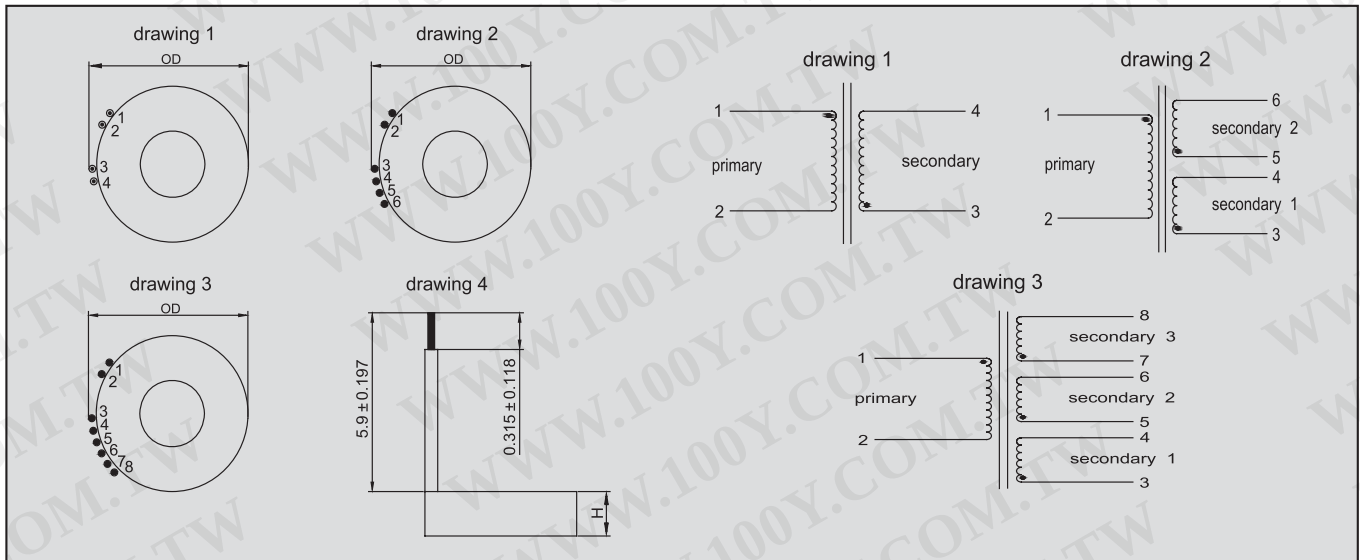
FEATURES

- Low Magnetic Noise
- High Efficiency
- Excellent Load Regulation
- Easy Assembly
- Very Low No-load Losses and Magnetizing Current
- Half Size and weight Comparing to EI Transformer
- Various Input Options
100v/110v/117v/120v/220v/230v/240v/, 50/60HZ
- Dielectric Strength 3KV/1min
- 100% Electric Parameters Test
- Power Range From 20VA to 5000VA Available
According to Customer's Requirement
- Class B Insulation System
- Optional Single or Dual Primary

特性

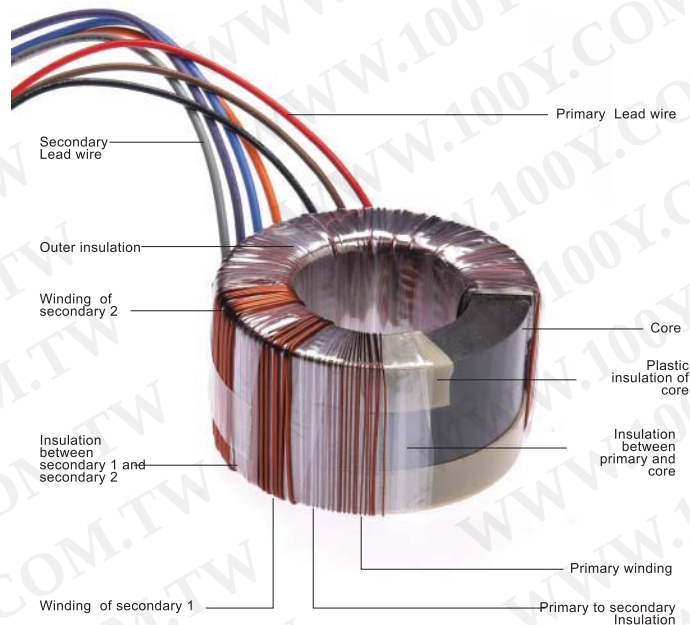
- 无漏磁，低噪音
- 高效率
- 良好的负载调节性能
- 易于配装
- 低损耗第励磁电流
- 体积小重量轻
- 多种输入电压选择
100v/110v/117v/120v/220v/230v/240v/, 50/60HZ
- 初次与次级绝缘强度超过3KV/1分钟
- 产品电气性能100%全检
- 功率应用范围在20VA至5000VA间或根据客户要求订制
- B级绝缘系统
- 初级单输入与双输入可选择

OUTLINE DIMENSIONS



SCHEMATIC

CONSTRUCTION



ELECTRICAL SPECIFICATIONS

Part No.	Power	AC Output		Dimension				Weight	
		Voltage range	Current range	OD		H			
	VA	V	A	In	mm	In	mm	lbs	Kg
UC-TT0020	20	12-24	0.84-1.67	2.5	63	1.3	33	0.73	0.33
UC-TT0025	25	12-24	1.04-2.08	2.6	65	1.4	35	0.84	0.38
UC-TT0030	30	12-24	1.25-2.50	2.8	70	1.6	40	0.99	0.45
UC-TT0035	35	12-24	1.46-2.92	2.8	72	1.6	40	1.08	0.49
UC-TT0040	40	12-24	0.84-1.67	3.0	75	1.6	40	1.17	0.53
UC-TT0045	45	12-24	1.67-3.75	3.0	75	1.6	40	1.26	0.57
UC-TT0050	50	12-36	1.67-3.75	3.1	80	1.6	40	1.50	0.68
UC-TT0060	60	12-36	1.67-5.00	3.3	83	1.7	43	1.61	0.73
UC-TT0070	70	12-36	1.95-5.84	3.3	85	1.7	43	1.83	0.83
UC-TT0080	80	12-36	2.22-6.67	3.5	90	1.7	43	2.16	0.98
UC-TT0090	90	12-36	2.50-7.50	3.7	95	1.7	43	2.31	1.05
UC-TT0100	100	12-36	2.78-8.34	3.9	100	1.7	43	2.65	1.20
UC-TT0150	150	12-24×2	3.13-6.25	4.1	105	1.9	48	3.31	1.50
UC-TT0200	200	12-24×2	4.17-8.33	4.3	110	2.0	50	3.97	1.80
UC-TT0250	250	12-24×2	5.21-10.42	4.7	120	2.1	53	4.85	2.20
UC-TT0300	300	12-24×2	6.25-12.50	4.7	120	2.2	55	5.29	2.40
UC-TT0350	350	12-24×2	7.29-14.58	4.8	123	2.3	58	5.84	2.65
UC-TT0400	400	12-24×2	8.33-16.67	4.9	125	2.4	60	6.39	2.90
UC-TT0450	450	24-48×2	4.69-9.38	5.0	128	2.5	63	6.61	3.00
UC-TT0500	500	24-48×2	5.21-10.42	5.1	130	2.6	65	7.05	3.20
UC-TT0600	600	24-48×2	6.25-12.50	5.2	132	2.6	65	8.42	3.82
UC-TT0700	700	24-48×2	7.29-14.58	5.7	145	2.6	65	9.48	4.30
UC-TT0800	800	24-48×2	8.33-16.67	5.7	145	2.8	70	10.05	4.56
UC-TT0900	900	24-48×2	9.38-18.75	5.9	150	2.9	73	10.87	4.93
UC-TT1000	1000	18-36×2 30-60×2	6.95-13.89 4.17-8.33	6.3	160	3.0	75	12.13	5.50
UC-TT1500	1500	18-36×2 30-60×2	10.42-20.83 6.25-12.50	6.7	170	3.1	80	15.54	7.05
UC-TT2000	2000	18-36×2 30-60×2	13.89-27.78 8.33-16.67	7.1	180	3.3	85	19.18	8.70
UC-TT3000	3000	12-24×2 24-48×2 40-80×2	10.42-20.83 10.42-20.83 9.38-18.75	7.7	195	3.5	90	25.57	11.60
UC-TT4000	4000	12-24×2 24-48×2 40-80×2	10.42-20.83 15.63-31.25 12.50-25.00	8.1	205	3.7	95	31.53	14.30
UC-TT5000	5000	12-24×2 24-48×2 40-80×2	10.42-20.83 15.63-31.25 18.75-37.50	8.5	215	3.9	100	37.04	16.80