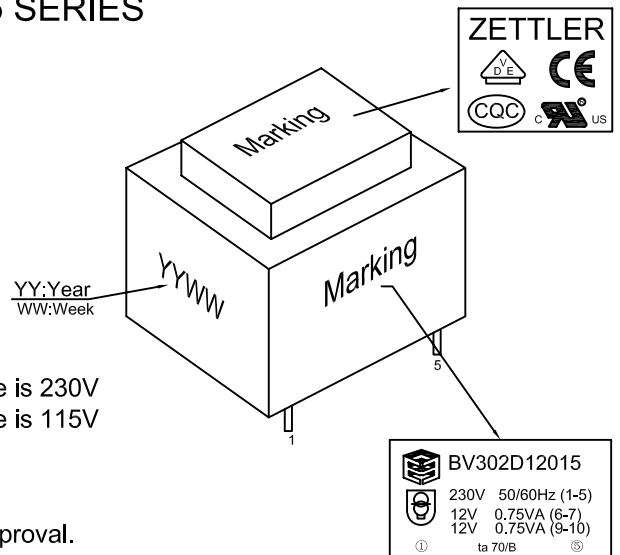


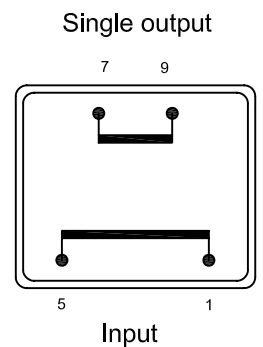
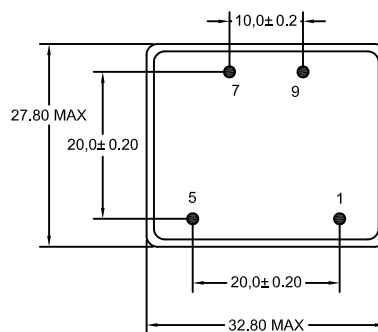
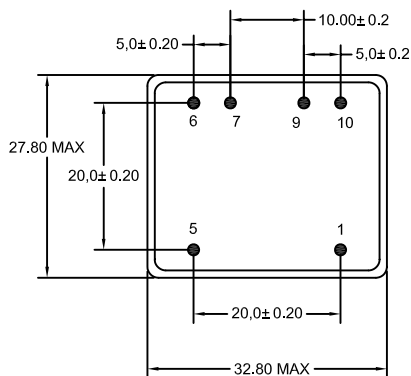
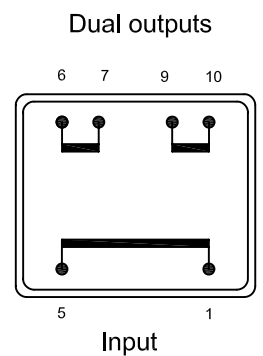
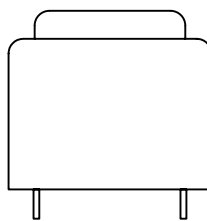
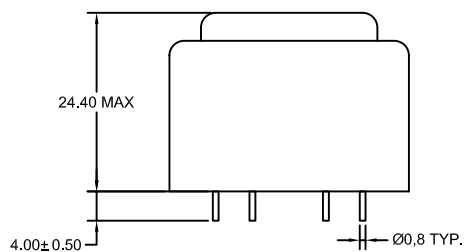
SEALED TRANSFORMER, PCB 1.5VA EI 30-12.5 SERIES

1. ELECTRICAL SPECIFICATIONS:

- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
- B. Secondary Voltage: See Electrical Table
- C. Ambient Temperature: 70° C MAX allowed.
- D. Insulation Resistance:
- 100M Ohm Min @ 500VDC PRI. to SEC.
- E. Hi-Pot:
- 4200Vrms 1 minute @ PRI. to SEC. ,when the primary input voltage is 230V
- 2800Vrms 1 minute @ PRI. to SEC. ,when the primary input voltage is 115V
- F. Approvals:
- UL506,UL1585 class 2 and class 3,VDE,EN61558,EN60950
- H. When the primary is 115V input,the transformer are non CQC approval.



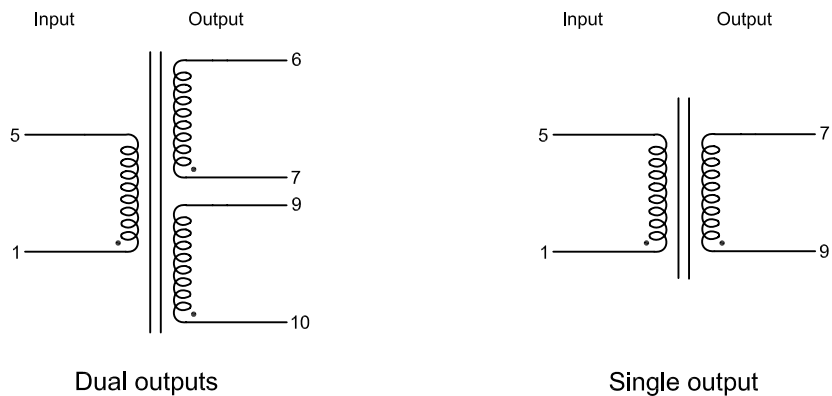
2. MECHANICAL SPECIFICATIONS:



REV.	DESCRIPTION	DRAWN	DATE(M/D/Y)

TOLERANCE		SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)	MODEL DESCRIPTION	
X	± 0.3	DRAWN	Janise	2008-1-16	ZETTLER MAGNETICS	MATERIAL 120° C or higher
X.X	± 0.2	CHECKED				MODEL:
X.XX	± 0.1	APPROVED			TITLE EI 30-12.5 1.5VA	EI 30-12.5 1.5VA
THICKNESS	/					
REV.	A0					

3. SCHEMATIC DIAGRAM:



4. ELECTRICAL TABLE:

Part Number (Input:115V)	Part Number (Input:230V)	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Ambient temperature (°C)	Rated Power (VA)
BV301S06015	BV302S06015	6±10%		250	9.7	T 70 B	1.5
BV301S09015	BV302S09015	9±10%		167	14.5	T 70 B	1.5
BV301S12015	BV302S12015	12±10%		125	19.3	T 70 B	1.5
BV301S15015	BV302S15015	15±10%		100	24.2	T 70 B	1.5
BV301S18015	BV302S18015	18±10%		83	29.8	T 70 B	1.5
BV301S24015	BV302S24015	24±10%		63	38.6	T 70 B	1.5
BV301D06015	BV302D06015	6±10%	6±15%	2×125	2×9.7	T 70 B	1.5
BV301D09015	BV302D09015	9±10%	9±15%	2×83	2×15.3	T 70 B	1.5
BV301D12015	BV302D12015	12±10%	12±15%	2×63	2×19.3	T 70 B	1.5
BV301D15015	BV302D15015	15±10%	15±15%	2×50	2×24.2	T 70 B	1.5
BV301D18015*	BV302D18015*	18±10%	18±15%	2×42	2×29	T 70 B	1.5
BV301D24015*	BV302D24015*	24±10%	24±15%	2×31	2×38.6	T 70 B	1.5

* To be noted:*marked transformers are non VDE approved.
Those transformers meet all requirement of EN61558-2-4.

REV.	DESCRIPTION	DRAWN	DATE(M/D/Y)
MODEL DESCRIPTION			
ZETTLER MAGNETICS		MATERIAL 120° C or higher	
		MODEL: EI 30-12.5 1.5VA	
		SHEET: 2 OF 2	

TOLERANCE		SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)
X	± 0.3	DRAWN	Janise	2008-1-16
X.X	± 0.2	CHECKED		
X.XX	± 0.1	APPROVED		
THICKNESS	/			
REV.	A0			

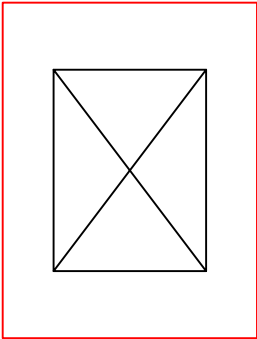
— LAMINATION



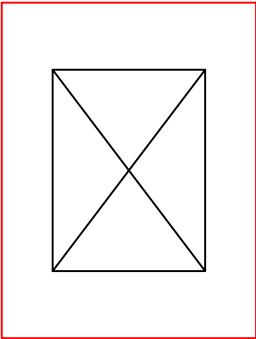
COIL



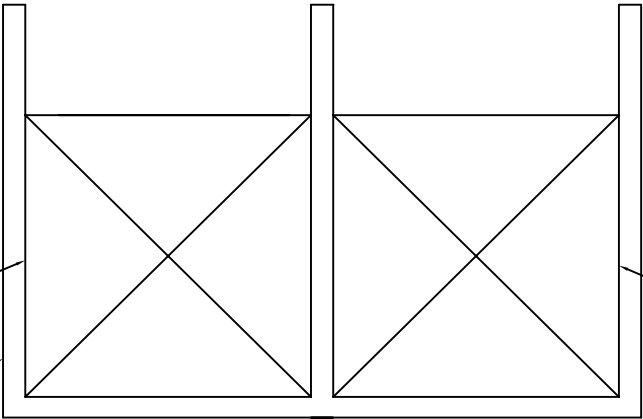
BOBBIN



PRIMARY



SECONDARY

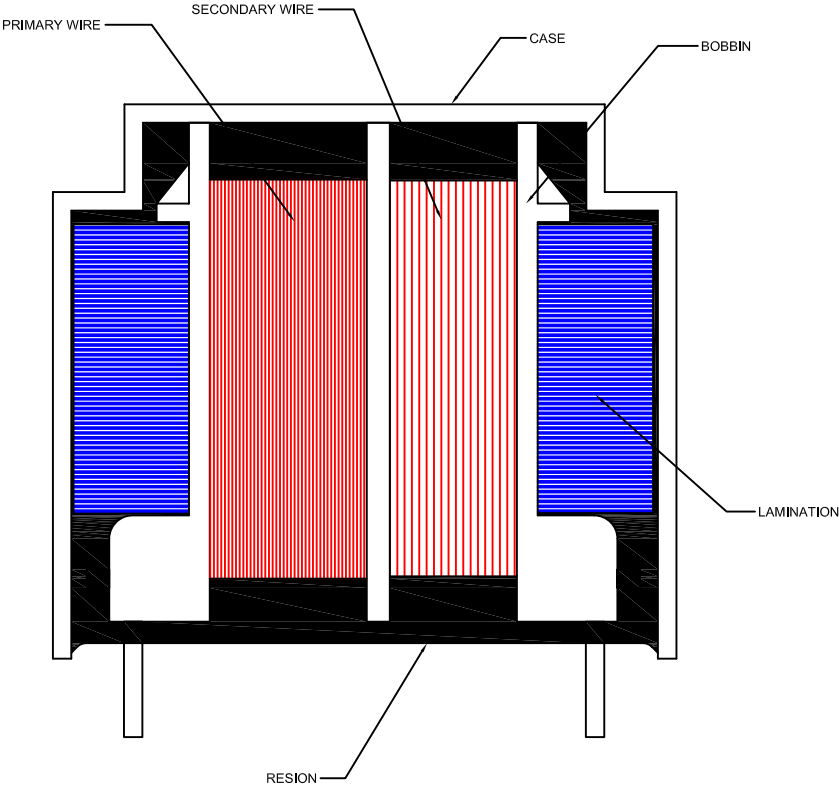


PRI.COIL

SEC.COIL

BOBBIN

REVISIONS			
REV	DESCRIPTION	DATE	BY



MATERIAL		TOLERANCES UNLESS OTHERWISE NOTED		ZETTLER MAGNETICS		
FINISH		ANGLES $\pm 1/4$ FRACMONS ± 0.4 MM DECIMALS XX $\pm .3$ XXX $\pm .15$		TITLE EI30-12.5 1.5VA		SCALE NOT 1:1
						DRG. NO. EI30-12.5 1.5VA
DATE		DRAWN Janise	DATE 2008-1-16	USED ON:		
ZM APPROVED		CHECKED	DATE			
		APPROVED	DATE			SHT 1
						OF 1
						REV. A0

REVISIONS			
REV	DESCRIPTION	DATE	BY

MATERIAL	PART NO.	MANUFACTURER	UL FILE NO.	MATERIAL DESCRIPTION
BOBBIN	EI30*12.5	BASF AKTIENGESELLSCHAFT	E41871	A3X2G5
CASE	EI30*12.5	BASF AKTIENGESELLSCHAFT	E41871	A3X2G5
MAGNET WIRE	UEW	ELEKTRISOLA HANGZHOU CO LTD XIAMEN HUNG'S ENTERPRISE CO LTD TA YA ELECTRIC WIRE FACTORY GUANGDONG RONSEN SUPER	E258243 E219154 E197768 E164502	MW79 POLYURETHANE COATED(155°)
RESIN	PU 552 FL (c)	WEVO-CHEMIE GMBH	E108835	

MATERIAL		TOLERANCES UNLESS OTHERWISE NOTED		ZETTLER MAGNETICS				
		ANGLES ± 1/4 FRACMONS ± 0.4 MM DECIMALS XX ± .3 XXX ± .15						
FINISH		DRAWN Janise	DATE 2008-1-16	EI30-12.5 1.5VA		SCALE NONE		
DATE		CHECKED	DATE			DRG. NO. EI30-12.5 1.5VA		
ZM APPROVED		APPROVED	DATE	USED ON:		SHT 1	OF 1	REV. A0