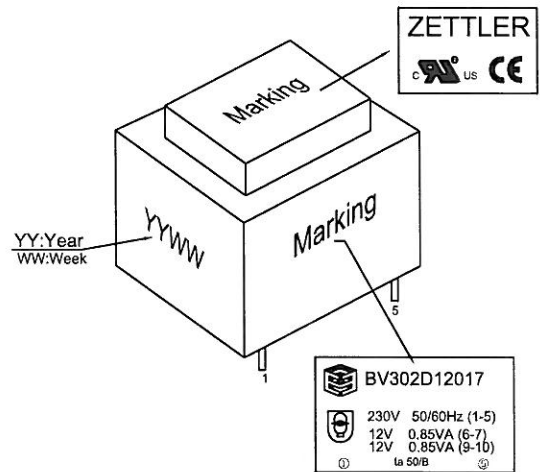


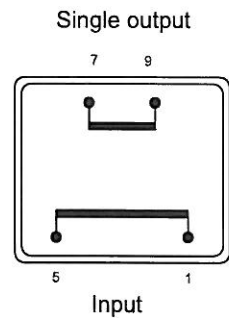
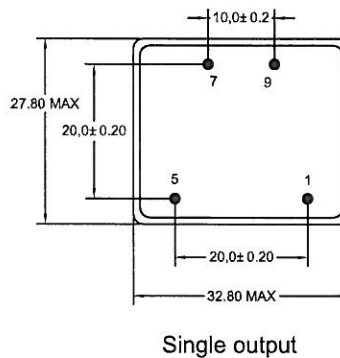
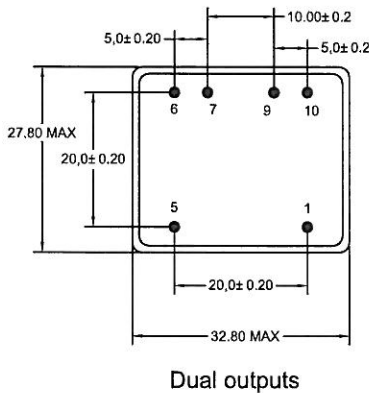
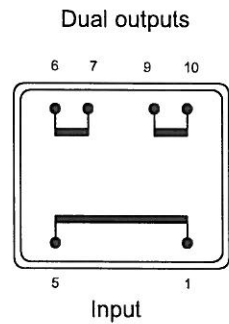
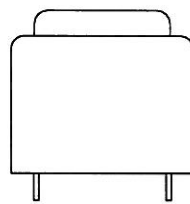
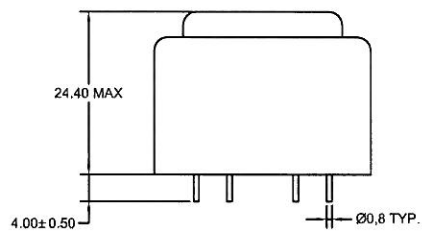
SEALED TRANSFORMER, PCB 1.7VA EI 30-12.5 SERIES

1. ELECTRICAL SPECIFICATIONS:

- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
- B. Secondary Voltage: See Electrical Table
- C. Ambient Temperature: 50° C MAX allowed.
- D. Insulation Resistance:
100M Ohm Min @ 500VDC PRI. to SEC.
- E. Hi-Pot:
4200Vrms 1mA 1second @ PRI. to SEC.
- F. Approvals:
UL506



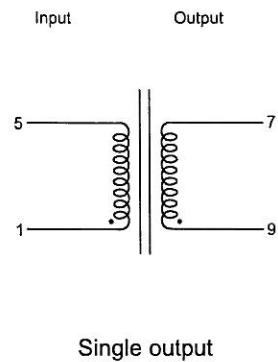
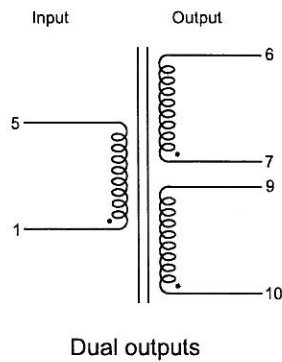
2. MECHANICAL SPECIFICATIONS:



A2	added UL mark	Winston	2008-7-29
A1	Changed the hi-pot from 2800V to 4200V, for 115V primary	Winston	2008-3-18
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	2008-2-18	ZETTLER MAGNETICS TITLE EI 30-12.5 1.7VA	
X.X	± 0.2	CHECKED				MATERIAL 120° C or higher
X.XX	± 0.1	APPROVED				MODEL: EI 30-12.5 1.7VA
THICKNESS	/					SHEET: 1 OF 2
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)
BV301S06017	BV302S06017	6±10%		283	9.8	T 50 B	1.7
BV301S09017	BV302S09017	9±10%		189	14.8	T 50 B	1.7
BV301S12017	BV302S12017	12±10%		142	19.7	T 50 B	1.7
BV301S15017	BV302S15017	15±10%		113	24.6	T 50 B	1.7
BV301S18017	BV302S18017	18±10%		94	30.3	T 50 B	1.7
BV301S24017	BV302S24017	24±10%		71	39.3	T 50 B	1.7
BV301D06017	BV302D06017	6±10%	6±15%	2×142	2×9.8	T 50 B	1.7
BV301D09017	BV302D09017	9±10%	9±15%	2×94	2×15.2	T 50 B	1.7
BV301D12017	BV302D12017	12±10%	12±15%	2×71	2×19.7	T 50 B	1.7
BV301D15017	BV302D15017	15±10%	15±15%	2×57	2×24.6	T 50 B	1.7
BV301D18017	BV302D18017	18±10%	18±15%	2×47	2×30.3	T 50 B	1.7
BV301D24017	BV302D24017	24±10%	24±15%	2×35	2×39.3	T 50 B	1.7

TOLERANCE		SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)	MODEL DESCRIPTION
X	±0.3	DRAWN	Janise	2008-2-18	ZETTLER MAGNETICS TITLE EI 30-12.5 1.7VA
X.X	±0.2	CHECKED			
X.XX	±0.1	APPROVED			
THICKNESS	/				
REV.	A0				MATERIAL 120° C or higher MODEL: EI 30-12.5 1.7VA SHEET: 2 OF 2