

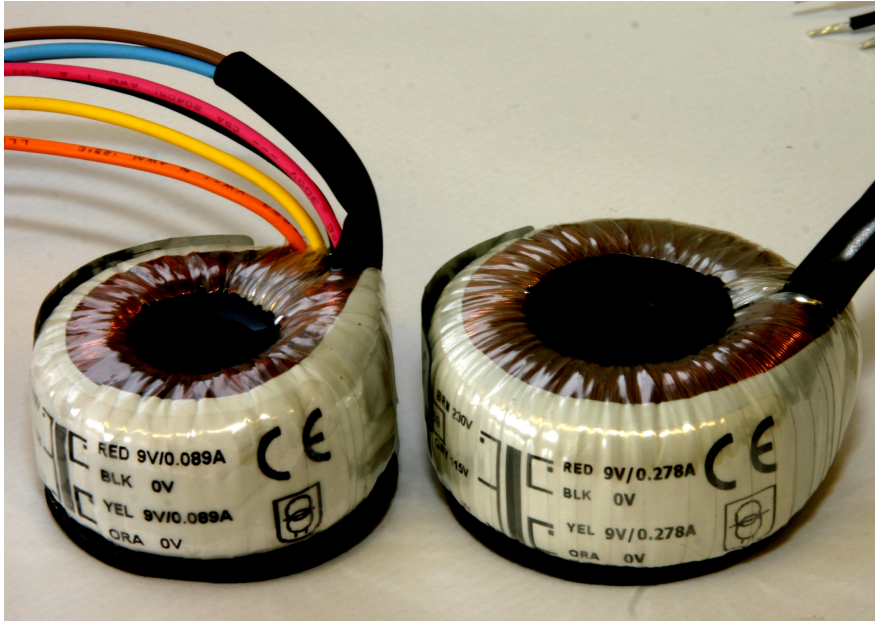
Order code	Manufacturer code	Description
88-3389	TOS016018	MINI OPEN TOROID 1.6VA 9V+9V 0.089A(RC)
88-3402	TOS050024	MINI OPEN TOROID 5.0VA 12V+12V 0.208A RC
88-3408	TOS070024	MINI OPEN TOROID 7.0VA 12V+12V 0.292A RC
88-3394	TOS032014	MINI OPEN TOROID 3.2VA 7V+7V 0.229A(RC)
88-3400	TOS050014	MINI OPEN TOROID 5.0VA 7V+7V 0.357A(RC)
88-3403	TOS050030	MINI OPEN TOROID 5.0VA 15V+15V 0.167A RC
88-3406	TOS070014	MINI OPEN TOROID 7.0VA 7V+7V 0.500A(RC)
88-3407	TOS070018	MINI OPEN TOROIDAL 7.0VA 9V+9V 0.389A RC
88-3393	TOS016044	MINI OPEN TOROID 1.6VA 22V+22V 0.036A RC
88-3395	TOS032018	MINI OPEN TOROID 3.2VA 9V+9V 0.178A(RC)
88-3388	TOS016014	MINI OPEN TOROID 1.6VA 7V+7V 0.114A(RC)
88-3401	TOS050018	MINI OPEN TOROID 5.0VA 9V+9V 0.278A(RC)
88-3404	TOS050036	MINI OPEN TOROID 5.0VA 18V+18V 0.139A RC
88-3411	TOS070044	MINI OPEN TOROID 7.0VA 22V+22V 0.159A RC
88-3390	TOS016024	MINI OPEN TOROID 1.6VA 12V+12V 0.067A RC
88-3392	TOS016036	MINI OPEN TOROID 1.6VA 18V+18V 0.044A RC
88-3397	TOS032030	MINI OPEN TOROID 3.2VA 15V+15V 0.107A RC
88-3398	TOS032036	MINI OPEN TOROID 3.2VA 18V+18V 0.089A RC
88-3396	TOS032024	MINI OPEN TOROID 3.2VA 12V+12V 0.133A RC
88-3399	TOS032044	MINI OPEN TOROID 3.2VA 22V+22V 0.073A RC
88-3391	TOS016030	MINI OPEN TOROID 1.6VA 15V+15V 0.053A RC

	Page 1 of 4
The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

BLORE BOWRON LTD

123A Vandyke Road Leighton Buzzard Beds LU7 3HQ
Tel: +44 (0)1525 373439 Fax : +44 (0)1525 854869
E-Mail: sales@blorebowron.co.uk

Miniature Open Style Toroidal Transformers 1.6VA to 7VA



A range of high quality miniature mains mounting toroidal transformers with flying leads. Featuring a single primary winding of 0--115v—230v and twin secondary windings suitable for series, parallel and centre tap connections, giving a wide choice of output voltage and current combinations.

Features:

- ✓ Low magnetic stray field emissions
- ✓ High efficiency
- ✓ 100% electrical and flash tested
- ✓ Insulation class – Class A (105°C)
- ✓ Maximum operating ambient temperature 40°C
- ✓ All leads 150mm long, stripped and tinned 6mm
- ✓ The transformers have a resin filled centre with an M4 through hole for easy mounting.
- ✓ No mounting screw supplied
- ✓ Designed, Tested and Manufactured in accordance with EN60742, EN60950 and EN60065

UNDER NO CIRCUMSTANCES SHOULD BOTH ENDS OF THE METAL FIXING BOLT BE ALLOWED TO SIMULTANEOUSLY COME INTO CONTACT WITH THE METAL CHASSIS OR FRAMEWORK, AS THIS WILL CAUSE A “SHORTED TURN” RESULTING IN PERMANENT DAMAGE.

BLORE BOWRON LTD

123A Vandyke Road Leighton Buzzard Beds LU7 3HQ
 Tel: +44 (0)1525 373439 Fax : +44 (0)1525 854869
 E-Mail: sales@blorebowron.co.uk

Miniature Open Style Toroidal Transformers 1.6VA to 7VA

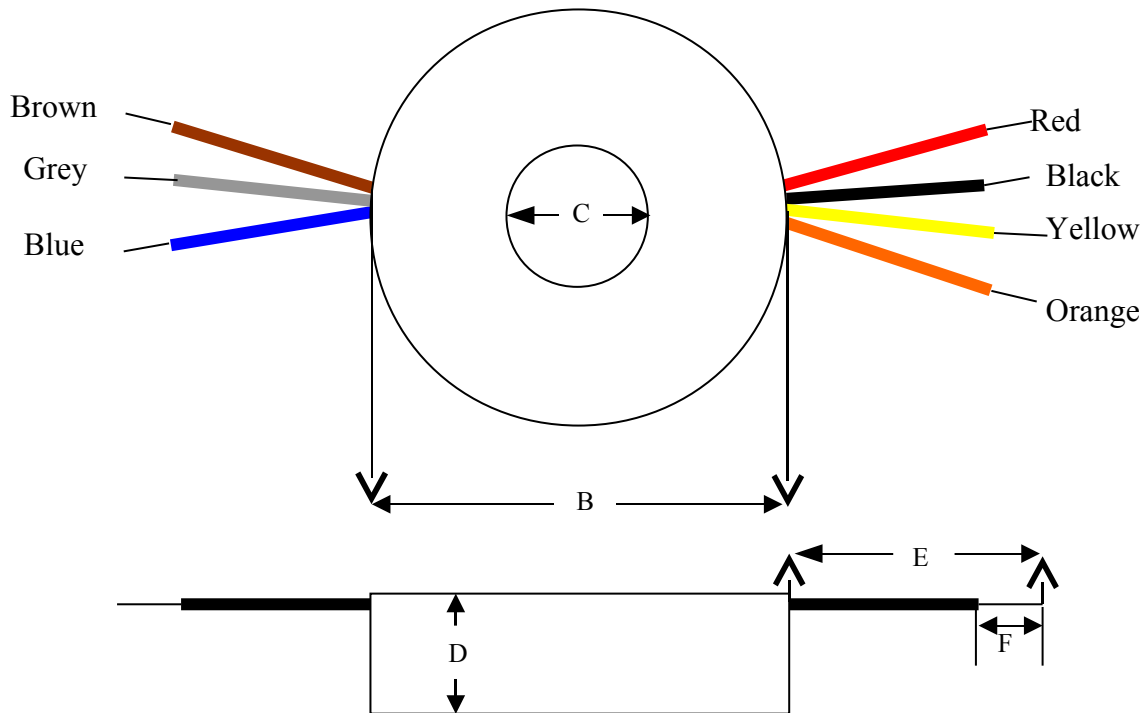
Product Series	Part Number	Input Voltage (v)	Secondary RMS Rating			
			Series		Parallel	
1.6VA	TOS016014	0--115v--230v	14V C.T.	114mA	7v	228mA
	TOS016018		18V C.T.	89mA	9v	178mA
	TOS016024		24V C.T.	67mA	12v	134mA
	TOS016030		30V C.T.	53mA	15v	106mA
	TOS016036		36V C.T.	44mA	18v	88mA
	TOS016044		44V C.T.	36mA	22v	72mA
3.2VA	TOS032014	0--115v--230v	14V C.T.	229mA	7v	458mA
	TOS032018		18V C.T.	178mA	9v	356mA
	TOS032024		24V C.T.	133mA	12v	266mA
	TOS032030		30V C.T.	107mA	15v	214mA
	TOS032036		36V C.T.	89mA	18v	178mA
	TOS032044		44V C.T.	73mA	22v	146mA
5.0VA	TOS050014	0--115v--230v	14V C.T.	357mA	7v	714mA
	TOS050018		18V C.T.	278mA	9v	556mA
	TOS050024		24V C.T.	208mA	12v	416mA
	TOS050030		30V C.T.	167mA	15v	334mA
	TOS050036		36V C.T.	139mA	18v	278mA
	TOS050044		44V C.T.	114mA	22v	228mA
7.0VA	TOS070014	0--115v--230v	14V C.T.	500mA	7v	1000mA
	TOS070018		18V C.T.	389mA	9v	778mA
	TOS070024		24V C.T.	292mA	12v	584mA
	TOS070030		30V C.T.	233mA	15v	466mA
	TOS070036		36V C.T.	194mA	18v	388mA
	TOS070044		44V C.T.	159mA	22v	318mA

VA	Reg'n % Typical	Iron Loss Watts	Copper Loss Watts	Temp Rise Deg. C	Efficiency % typical
1.6	21	0.09	0.4	10	76%
3.2	20	0.09	0.8	16	79%
5	18	0.11	1.1	18	81%
7	19	0.13	1.6	25	80%

BLORE BOWRON LTD

123A Vandyke Road Leighton Buzzard Beds LU7 3HQ
 Tel: +44 (0)1525 373439 Fax : +44 (0)1525 854869
 E-Mail: sales@blorebowron.co.uk

Miniature Open Style Toroidal Transformers 1.6VA to 7VA



Dimensions	Weight	B	C	D	E	F
1.6VA	0.13Kg	42mm	M4	23.0	150mm	6mm
3.2VA	0.14Kg	43mm	M4	24.0	150mm	6mm
5.0VA	0.17Kg	50mm	M4	24.0	150mm	6mm
7.0VA	0.19Kg	51mm	M4	24.0	150mm	6mm
Tolerance	Approx.	max	Clear	max	± 5.0	± 2.0

