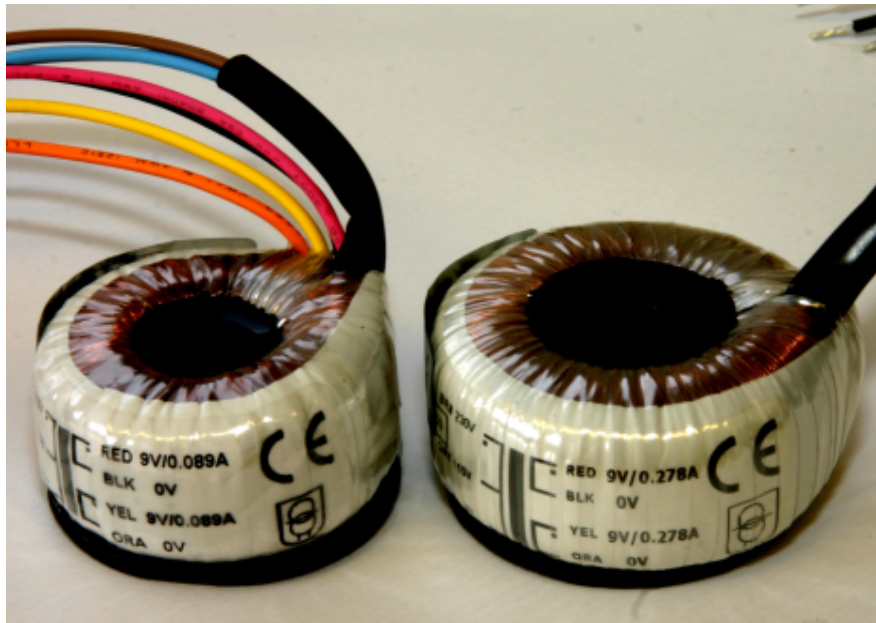


BLORE BOWRON

70 Sandford Lane Industrial Estate, Kennington Oxford, OX1 5RP
Tel: +44 (0)1865 736686 Fax: +44 (0)1865 736678
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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.

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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%

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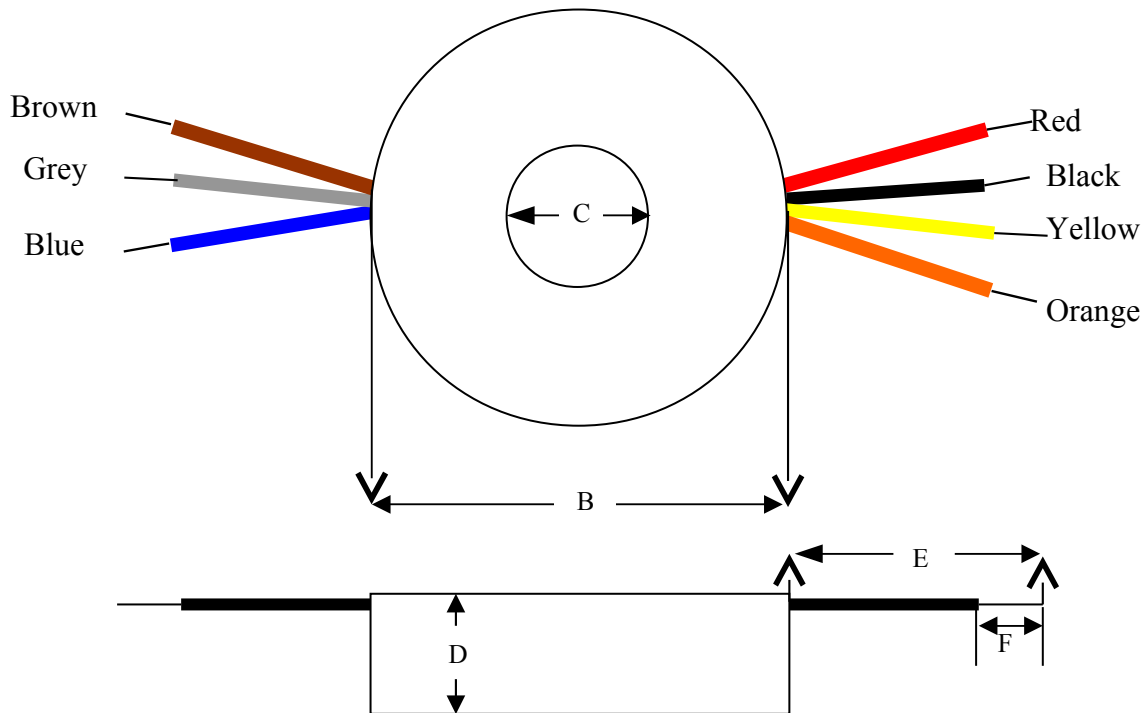
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Miniature Open Style Toroidal Transformers 1.6VA to 7VA



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

