

## 9W LED driver Transformer details

<b>Bobbin type, Pins</b>	E20/10/6 Vertical, 10 pins
<b>Core size</b>	Core: E20/10/6, NC-2H (Nicera) or Equivalent, gapped for ALG of 93 nH/T <sup>2</sup>
<b>Core material, grade</b>	Ferrite
<b>Primary Inductance (3-1 Pins)</b>	1.2mH, +/- 10 %.
<b>Primary Leakage Inductance(3-1 Pins) Tie(4+5,8+10 Pins)</b>	12uH (Max.)

## **Transformer Construction and winding Sequence**

Sl no.	Start	End	Direction	SWG	Turns	Remarks
1	Pin-3	Pin-1	CW	33 SWG x 1 strands	108	Primary
2	Insulation tape 2 layer					
3	Pin-10	Pin-8	CW	27 SWG x 1 strands	40	Secondary
4	Insulation tape 2 layer					
5	Pin-4	Pin-5	CW	35 SWG x 2 strands	25	Bias
6	Insulation tape 2 layer					