

## Transformer Construction Parameters

Var	Value	Units	Description
Core Type	EI40		Core Type
Core Material	3F3		Core Material
Bobbin Reference	Generic, 4 pri. + 2 sec.		Bobbin Reference
Bobbin Orientation	Horizontal		Bobbin type
Primary Pins	4		Number of Primary pins used
Secondary Pins	2		Number of Secondary pins used
LP	365	μH	Nominal Primary Inductance
ML	0,10	mm	Safety Margin on Left Width
MR	0,10	mm	Safety Margin on Right Width
LG	0,629	mm	Estimated Gap Length

## Primary Bias Variables

Var	Value	Units	Description
NB	7		Primary Bias Winding Number of Turns
Wire Size	25	AWG	Wire size of Bias windings
Winding Type	Bifilar (x2)		Wire type of Bias windings
Layers	0,41		Primary Bias Winding Layers
Start Pin(s)	4		Starting pin(s) for Bias winding
Termination Pin(s)	3		Termination pin(s) for Bias winding

## Primary Winding Section 1

Var	Value	Units	Description
NP1	36		Number of Primary Winding Turns in the First Section of Primary
Wire Size	26	AWG	Primary Winding - Wire Size
Winding Type	Single (x1)		Primary Winding - Number of Parallel Wire Strands
CMA	403	Cmils/A	Primary Winding Current Capacity
L	0,95		Primary Winding - Number of Layers
Start Pin(s)	2		Starting pin(s) for first section of primary winding
Termination Pin(s)	1		Termination pin(s) for first section of primary winding

## Output 1

Var	Value	Units	Description
VO	36,00	V	Typical Output Voltage
IO	1,50	A	Output Current
VOUT_ACTUAL	36,00	V	Actual Output Voltage
NS	12		Secondary Number of Turns
Wire Size	24	AWG	Wire size of secondary winding
Winding Type	Bifilar (x2)		Output winding number of parallel strands
CMAS	244	Cmils/A	Secondary Winding Current Capacity
L_S_OUT	0,79		Secondary Output Winding Layers
Start Pin(s)	6		Starting pin(s) for Output winding
Termination Pin(s)	5		Termination pin(s) for Output winding