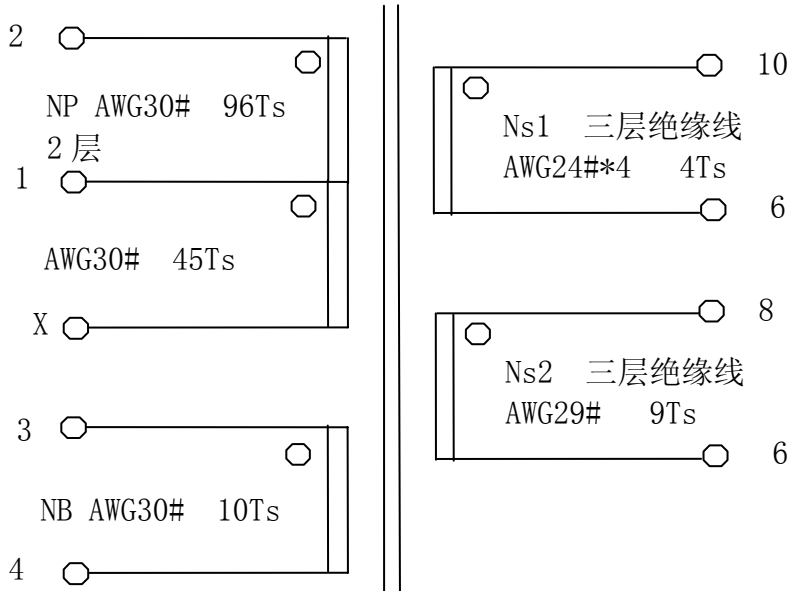


变压器资料

一、磁芯：EF25；骨架：EF25-10(请用 SA-960822 同样的磁芯和骨架)

二、变压器原理图



三、参数：

1、感量：L2-1=1187±20uH 初级漏感 <23UH

2、绕制紧密；

Transformer Construction Parameters

Var	Value	Output 1. (main)	Output 2	Units	Description
Core/Bobbin	E25/13/7 (EF25)				Core Type
Core Manuf.	Generic				Core Manufacturer
Bobbin Manuf	Generic				Bobbin Manufacturer
LP	1187			uHenries	Primary

					Inductance
NP	96.4				Primary Number of Turns
NB	9.1				Bias Winding Number of Turns
AWG	30			AWG	Primary Wire Gauge
CMA	278			Cmils/A	Primary Winding Current Capacity
VOR	135.00			Volts	Reflected Output Voltage
BW	15.30			mm	Bobbin Winding Width
M	0.0			mm	Safety Margin Width
L	2.00				Primary Number of Layers
AE	52.50			mm ²	Core Cross Sectional Area
ALG	128			nH/T ²	Gapped Core Effective Inductance
BM	1407			Gauss	Maximum Flux Density
BP	2257			Gauss	Peak Flux density
BAC	352			Gauss	AC Flux Density for Core Loss
LG	0.479			mm	Estimated Gap Length
LL	23.7			uHenries	Primary Leakage Inductance
LSEC	20			nHenries	Secondary Trace

					Inductance
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Secondary Parameters

<i>Var</i>	<i>Value</i>	<i>Output 1. (main)</i>	<i>Output 2</i>	<i>Units</i>	<i>Description</i>
NSx		4.0	9.1		Secondary Number of Turns
Rounded Down NSx			9		Rounded to Integer Secondary Number of Turns
Rounded Down Vox			11.90	Volts	Auxiliary Output Voltage for Rounded down to Integer Secondary Number of Turns
Rounded Up NSx			10		Rounded to Next Integer Secondary Number of Turns
Rounded Up Vox			13.30	Volts	Auxiliary Output Voltage for Rounded up to Next Integer Secondary Number of Turns
AWGSx Range		16 - 20	29 - 33	AWG	Secondary Wire Gauge Range. See Errors, Warnings, Information section for detail

