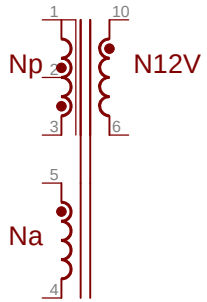
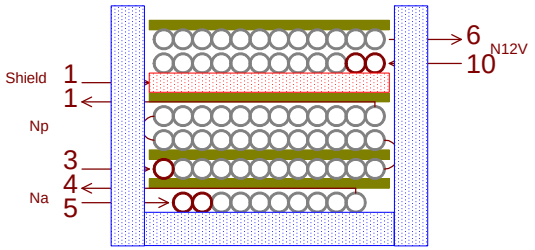
Required Components

Core: EE20/10/6
Material: N87 or equivalent
Ae = 32.1mm2
Gap: Center leg - symmetric
Bobbin: 5+5 pins Hor.

Schematic



Winding Stackup



Winding Specifications

Winding	Pins	Wire (AWG)	Turns	Insulation (Ts)
Na	5 - 4	2x #34	15	2
Np	3 - 1	1x #30	39	1
			39	0
			38	2
Shield	1 - Open	Copper Shield 0.025 x 11.5mm	1.1T	2
N12V	10 - 6	1x TEX-E, wire Ø 0.65mm	12	3

Electrical Specifications

Winding	Pins	Spec	Conditions
Inductance	3 - 1	1750uH +/- 5%	1KHz, 1V - all secondaries opened.
Leakage	3 - 1	<20uH	100KHz, 1V - all secondaries shorted.

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