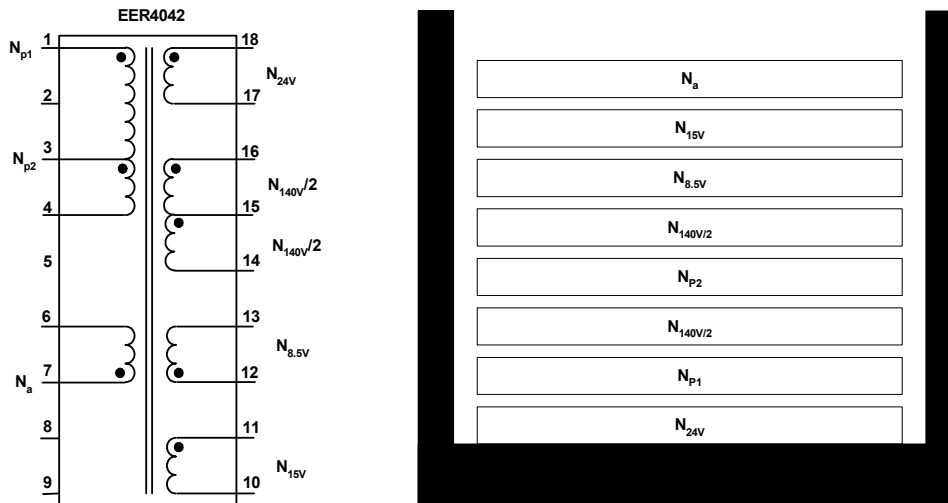




## 2. Transformer

### 2.1. Transformer Schematic Diagram



### 2.2. Winding Specifications

No	Pin (s→f)	Wire	Turns	Winding Method
N24	18 - 17	0.65 $\phi$ × 2	8	Space Winding
Np1	1 - 3	0.1 $\phi$ × 10 × 2	20	Center Winding
N140V/2	16 - 15	0.1 $\phi$ × 10 × 2	23	Center Winding
Np2	3 - 4	0.1 $\phi$ × 10 × 2	20	Center Winding
N140V/2	15 - 14	0.1 $\phi$ × 10 × 2	22	Center Winding
N8.5V	12 - 13	0.6 $\phi$ × 1	3	Space Winding
N15V	11 - 10	0.6 $\phi$ × 1	6	Space Winding
Na	7 - 6	0.3 $\phi$ × 1	13	Space Winding

### 2.3. Electrical Characteristics

	Pin	Specification	Remarks
Inductance	1 - 4	315uH ± 5%	1kHz, 1V
Leakage Inductance	1 - 4	10uH Max	2 <sup>nd</sup> All Short

### 2.4. Core & Bobbin

Core: EER4042  
 Bobbin: EER4042 (18Pin)  
 Ae: 153 mm<sup>2</sup>

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