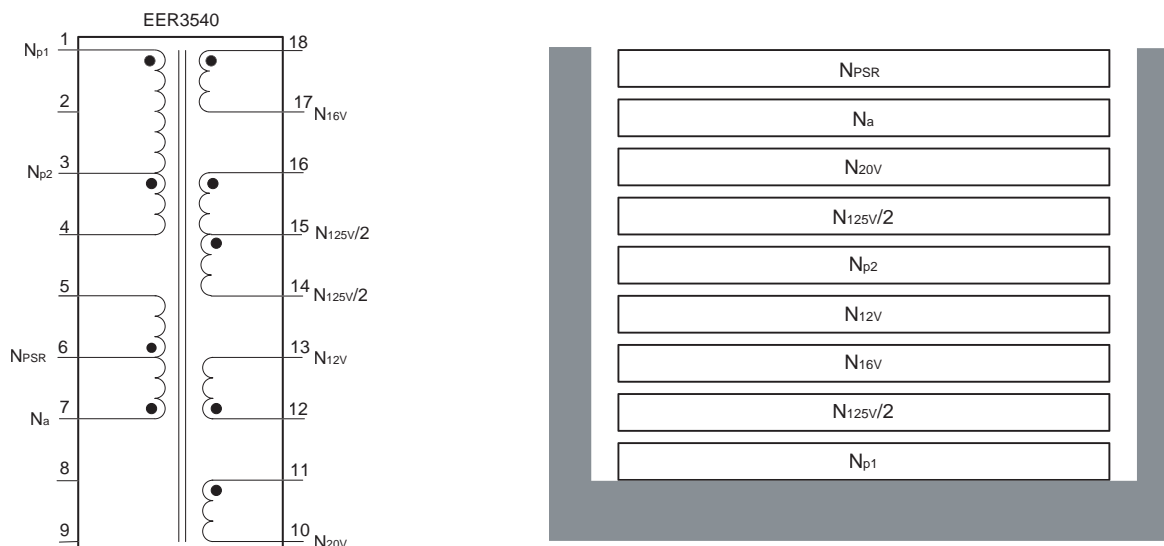


2. Transformer

2.1. Transformer Schematic Diagram



2.2. Winding Specification

| | Pin (S → F) | Wire | Turns | Winding Method |
|--------------|-------------|----------|-------|------------------|
| N_{p1} | 1 → 3 | 0.6Φ x 1 | 35 | Solenoid winding |
| $N_{125V/2}$ | 16 → 15 | 0.6Φ x 1 | 28 | Solenoid winding |
| N_{16V} | 18 → 17 | 0.4Φ x 2 | 8 | Solenoid winding |
| N_{12V} | 12 → 13 | 0.5Φ x 1 | 6 | Solenoid winding |
| N_{p2} | 3 → 4 | 0.6Φ x 1 | 35 | Solenoid winding |
| $N_{125V/2}$ | 15 → 14 | 0.5Φ x 1 | 28 | Solenoid winding |
| N_{20V} | 11 → 10 | 0.5Φ x 1 | 10 | Solenoid winding |
| N_a | 7 → 6 | 0.3Φ x 1 | 11 | Solenoid winding |
| N_{PSR} | 6 → 5 | 0.3Φ x 1 | 4 | Solenoid winding |

Core: EER3540 ($A_e = 109 \text{ mm}^2$)

Bobbin: EER3540

2.3. Electrical Characteristics

| | Pin | Spec. | Remark |
|------------|-----|-------------------|----------------------|
| Inductance | 1-4 | 565 μH | |
| Leakage | 1-4 | | Short all other pins |

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|--------------------------|------------------------|---|
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