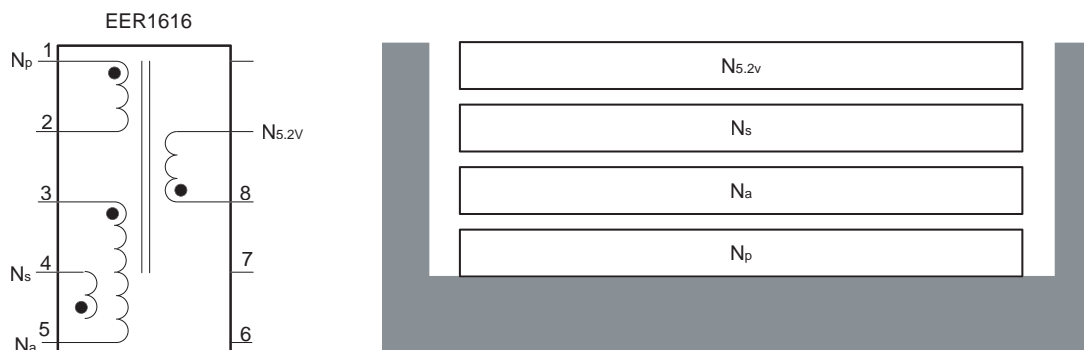


2. Transformer

2.1. Transformer Schematic Diagram



2.2. Winding Specification

	Pin (S → F)	Wire	Turns	Winding Method
N_p	1 → 2	0.16Φ x 1	95	Solenoid winding
Insulation: Polyester Tape t = 0.025mm, 2 Layers				
N_a	3 → 5	0.16Φ x 1	16	Solenoid winding
Insulation: Polyester Tape t = 0.025mm, 2 Layers				
N_s	open → 4	0.16Φ x 1	35	Solenoid winding
Insulation: Polyester Tape t = 0.025mm, 3 Layers				
$N_{5.2V}$	8 → 9	0.35Φ x 1	8	Solenoid winding
Insulation: Polyester Tape t = 0.025mm, 3 Layers				

Core: EER1616 ($A_e = 96\text{mm}^2$)

Bobbin: EER1616(H)

2.3. Electrical Characteristics

	Pin	Spec.	Remark
Inductance	1-2	1.5 mH	1kHz, 1V
Leakage	1-2	60 μH	Short all other pins

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