

Transformer Specification

Company: Joulwatt Technology Inc. Limited

QTY: _____ Type: EE1310

1. Material

No.	Material name	Type	Note
1	Core	EE1310	
2	Bobbin	EE13 (5+5Pins)	
3	Lacquered wire	2UEW	
4	Insulating tape	Heat-resisting >130℃	

2. Winding Parameters and Electrical Characteristics

Winding No.	Start→End Pin	wire diameter (mm)×Strands	Turns	Insulating tape	
NP1	2 → 3	Φ0.25 漆包线	27Ts	1Ts	绕满一层
Na	5 → 4	Φ0.12 漆包线	15Ts	1Ts	均匀绕制
Ns	A → B	Φ0.5mm*2 股 三层绝缘线	5Ts	1Ts	密绕
Ncomp	4 → NC	Φ0.12 漆包线	33	1Ts	绕满一层
NP2	3 → 1	Φ0.25 漆包线	23Ts	2Ts	密绕
Inductance	Measuring between Pin 1 and Pin 2	430uH ±5%			
	Measuring condition:	100KHz, 1V; Open the rest of the Pin			
Leakage inductance	Measuring between Pin 1 and Pin 2	≤7uH			
	Measuring condition:	100KHz, 1V; Short the rest of the Pin			
Air-gap	Satisfying the inductance (430uH ±3%) between Pin 1 and Pin 2	Air gap in the middle column (important)			

3. Structure Diagram

