

LED-SMART-DIM-LLC-150WGEVB_Inductor Spec



LLC TRANSFORMER

Pos.	Identification	Material	Turns	Turns in Total	Size	Winding Allowance	Tensile force required	Speed	Winding point		Remarks
									Beginning	End	
1	NP1	TIW	11	22	0.4mm				4	5	Two layers
2	Z1	tape	1	1	11mm						
3	Vcc	TIW	3	3	0.2mm				2	3	
4	Z2	tape	1	1	11mm						
	NS1	TIW	3	3	0.2mm				12	11	
	Z3	tape	2	2	11mm						
9	NS2	copper wire	7	7	0.1*30mm				start 7,end 9 start 8,end 10		
10	Z4	tape	1	1	11mm						
	NP2	copper wire	11	11					5	6	
11	Z5	tape	2	2	8mm						

Bobbin: PQ2616

Cores:

LH =550uH Lk=5uH

PFC choke

Pos.	Identification	Material	Turns	Turns in Total	Size	Winding Allowance	Tensile force required	Speed	Winding point		Remarks
									Beginning	End	
1	NP	litz wire	30	30	0.1mm*30				6	4	
2	Z1	tape	1	1	14mm						
3	Ns	copper wire	3	3	0.2mm				11	12	
4	Z2	tape	1	1	14mm						
5	Z3	tape	1	1	22mm						pack the core

Bobbin: PQ2616

Cores:

LH = 250uH ± 7% (10KHz)

Resonant Choke

Pos.	Identification	Material	Turns	Turns in Total	Size	Winding Allowance	Tensile force required	Speed	Winding point		Remarks
									Beginning	End	
1	NP	litz wire	20	20	0.1mm*25				6	14	
2	Z1	tape	1	1	14mm						

Bobbin: RM8

Cores: