

Multiple wound inductors					
		Core Bobbin Type	Material	Pins	
		EE2507	N87/C139	10 Vertical	
Winding	Start Pin	End Pin	Turns	Wire AWG	Inductance
W1	1	10	180	30x3	2.3mH
W2	3	8	10	34	
W3	4	7	10	34	
W4	5	6	10	34	
Max leakage inductance		Between 1-10, All windings shorted	5%	Leakage should not be greater than this value	
Insulation		1,10 Shorted	1KV	Ensure proper insulation tapes are used between the windings.	
		Other winding Shorted			
Winding Instructions: (Assuming same direction of winding in all cases.)					
W2			Start with W2 at pin 3 and end at pin 8 with 34 AWG wire and make 10 turns, spread across the width of Bobbin.		
W3			Start with pin 4 and make 10 turns with 34AWG wire and end at 7. Spread the winding across the bobbin.		
W4			Start with pin 5 and make 10 turns with 34 AWG wire and end at 6. Spread the winding across the bobbin.		
W1			Start on pin 1 and make 180 turns with 3 strands of 30 AWG wire and end at pin 10. Spread the winding evenly across the length of the core bobbin.		

Proper insulation Tapes to be used between primary and secondary windings to provide insulation equivalent to 1KV