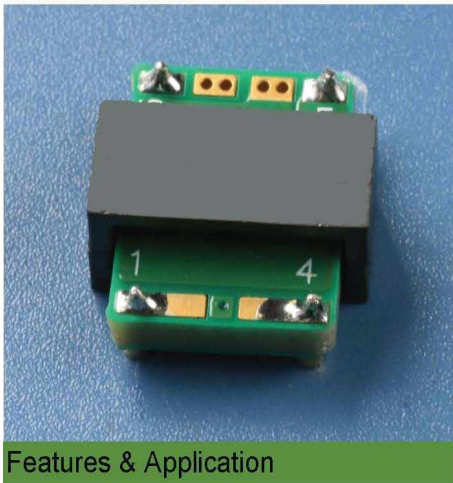


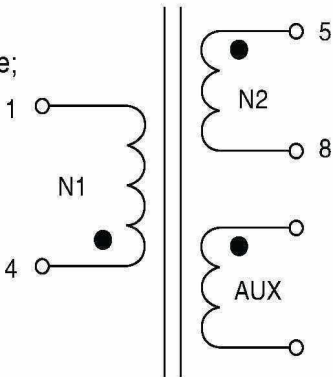
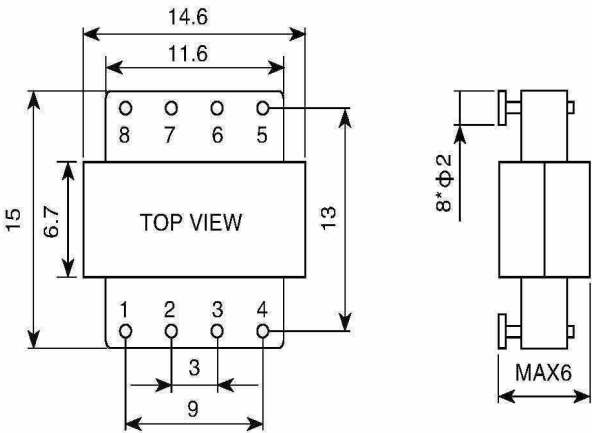


# ER14 20W Series



Features & Application

- 1. Use ER14 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 20W ;
- 3. working frequency: 300K~500K;
- 4. outline dimension :15\*14.6\*6mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 3.5g



Top view and electrical diagram

Part Number	Primary to Sec. ratio	Primary N1(1-4)			SEC. (5-8)	AUX
	N1:N2:AUX	Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	
ER14T209031	9:3:N	65 $\mu$ H	0.3 $\mu$ H	59 m $\Omega$	7.5 m $\Omega$	
ER14T209041	9:4:N	65 $\mu$ H	0.3 $\mu$ H	59 m $\Omega$	8.9 m $\Omega$	
ER14T209051	9:5:N	65 $\mu$ H	0.3 $\mu$ H	59 m $\Omega$	13.2 m $\Omega$	
ER14T304051	4:5:2	15 $\mu$ H $\pm$ 15%	0.2 $\mu$ H	8.7 m $\Omega$	12.5 m $\Omega$	6-7
ER14T311031	11:3:13	20 $\mu$ H $\pm$ 15%	0.5 $\mu$ H	98.5 m $\Omega$	7.5 m $\Omega$	2-3
ER14T311051	11:5:13	20 $\mu$ H $\pm$ 15%	0.5 $\mu$ H	98.5 m $\Omega$	19.9 m $\Omega$	2-3

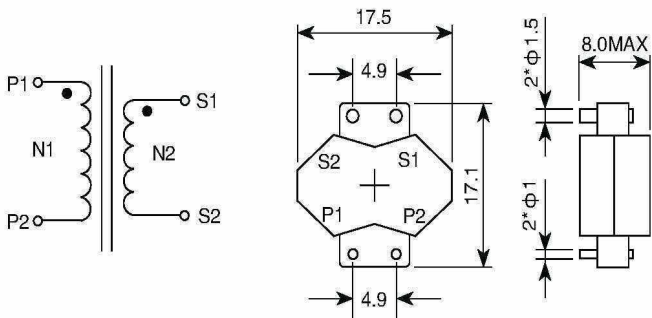


# RM06 50W Series

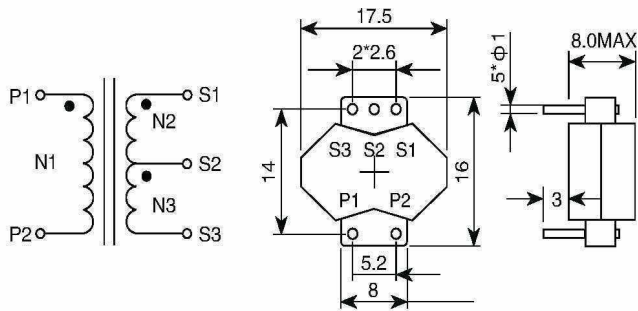


### Features & Application

- 1. Use RM06 planar magnetic core ,total output power:60W
- 2. Use for DC/DC module power
- 3. working frequency: 200K~500K;
- 4. outline dimension :17.5\*17.1\*8mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 7.0g



Top view and electrical diagram 1

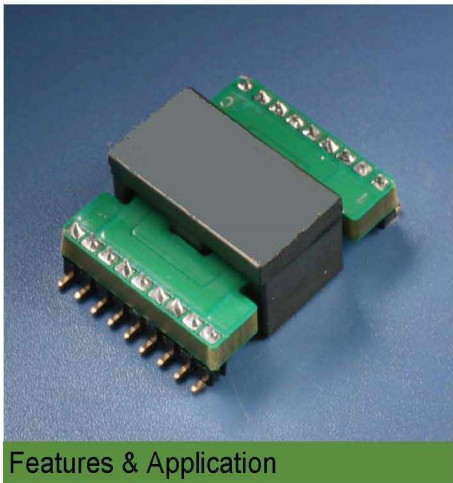


Top view and electrical diagram 2

Part Number	outside view	Primary to Sec. ratio N1:(N2+N3)	Primary N1(P1-P2)			SEC.
			Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
RM06T203021	1	3:2	9.5μ H	0.5μ H	6.6mΩ	1.5mΩ
RM06T306011	2	6:(1+1)	125μ H	0.5μ H	18.3mΩ	1.1+1.1mΩ

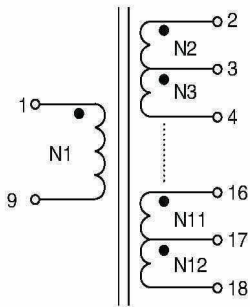
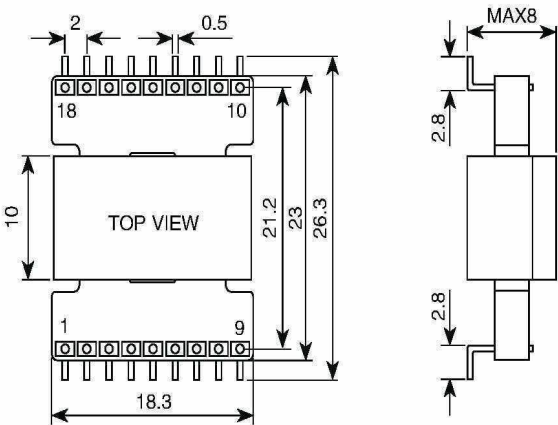


# EI18 50W Series



Features & Application

- 1. Use EI18 planar magnetic core ;
- 2. Use for DC/DC module power ,max output power 50W ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :26.3\*18.3\*8mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<=9.5g



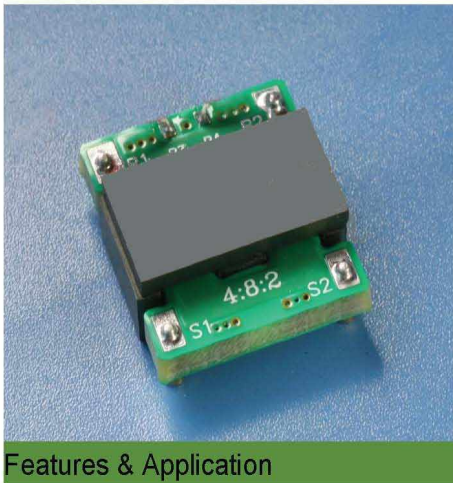
Top view and electrical diagram

Part Number	Primary to Sec. ratio	Primary N1(1-9)			SEC.
	N1:N2....N12	Inductance MIN	leakage Inductance MAX	DC resistance MAX	N1\N2....\N12
EI18T504041	4:4:4:4:4	36μH	0.3μH	12mΩ	
EI18T704081	4:8:8:8:8:4:4	36μH	0.3μH	24mΩ	
EI18T504061	4:6:6:6:6	36μH	0.3μH	18mΩ	
EI18T504141	4:14:14:14:14	36μH	0.3μH	100mΩ	
EI18T504042	4:(4+4):(4+4)	36μH	0.3μH	24mΩ	
EI18T504062	4:6:6:14:14	36μH	0.3μH	18mΩ	



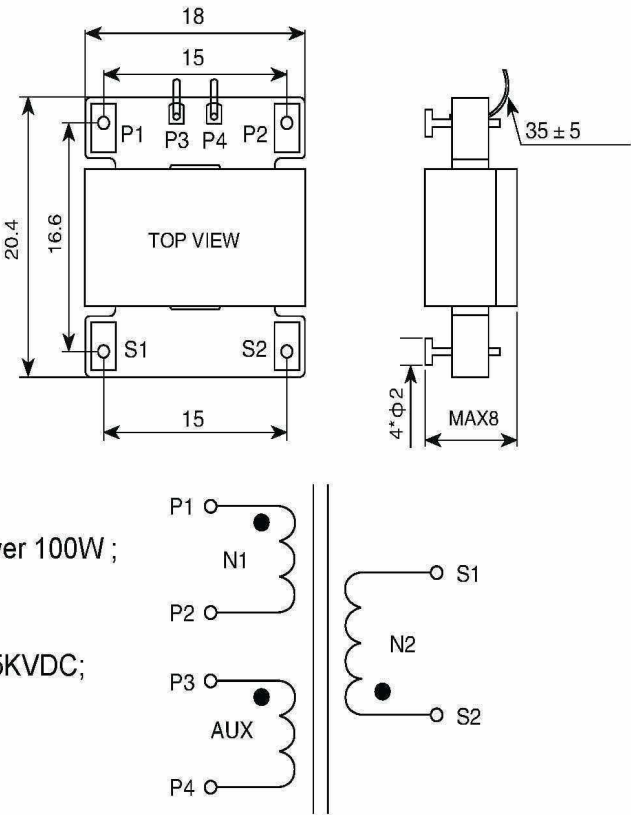


# EI18 100W Series



Features & Application

- 1. Use EI18 planar magnetic core ;
- 2. Use for DC/DC module power ,max output power 100W ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :20.4\*18\*8mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6. Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 9.5g



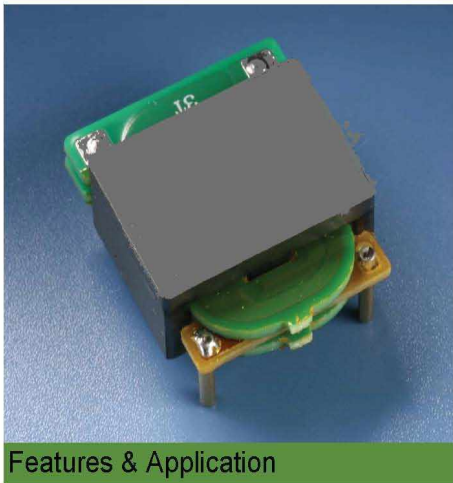
Top view and electrical diagram

Part Number	Primary to Sec. ratio	Primary N1(P1-P2)			SEC.(S1-S2)	AUX
	N1:N2:AUX	Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	
EI18T304031	4:3:2	36μ H	0.5μ H	8mΩ	3mΩ	P3-P4
EI18T304061	4:6:2	36μ H	0.5μ H	8mΩ	11mΩ	P3-P4
EI18T304081	4:8:2	36μ H	0.5μ H	8mΩ	22mΩ	P3-P4
EI18T304121	4:12:2	36μ H	0.5μ H	8mΩ	48mΩ	P3-P4
EI18T308031	8:3:8	150μ H	0.5μ H	28mΩ	2.4mΩ	P1-P2
EI18T207021	7:2:N	150μ H	0.5μ H	40mΩ	2.4mΩ	
EI18T210101	10:10:N	280μ H	0.5μ H	90mΩ	90mΩ	
EI18T216021	16:2:N	400μ H	1.5μ H	132mΩ	2.9mΩ	
EI18T222021	22:2:N	630μ H	2.0μ H	330mΩ	4.8mΩ	



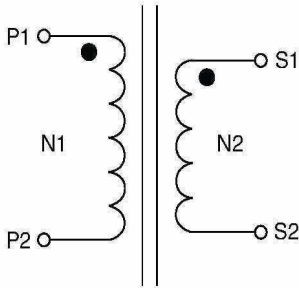
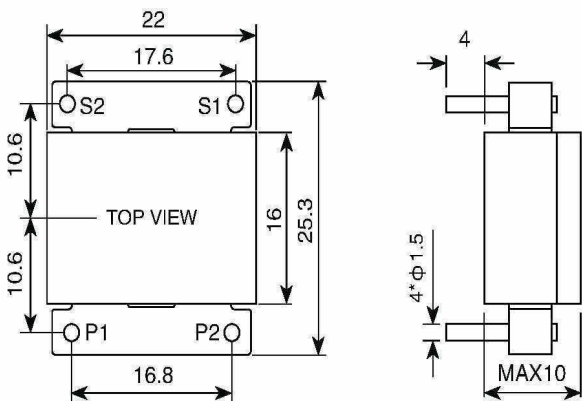


# EI22-1 150W Series



Features & Application

- 1. Use EI22 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 150W ;
- 3. working frequency: 200K~350K;
- 4. outline dimension :25.3\*22\*10mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight <= 19g



Top view and electrical diagram

Part Number	Primary to Sec. ratio (N1:N2)	Primary N1(P1-P2)			SEC.N2(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EI22T202011	2:1	17 $\mu$ H	0.4 $\mu$ H	0.95m $\Omega$	0.78m $\Omega$
EI22T204011	4:1	65 $\mu$ H	0.5 $\mu$ H	16 m $\Omega$	0.78m $\Omega$
EI22T206011	6:1	150 $\mu$ H	0.5 $\mu$ H	50 m $\Omega$	0.78m $\Omega$
EI22T202031	2:3	17 $\mu$ H	0.4 $\mu$ H	16 m $\Omega$	3.5 m $\Omega$
EI22T202071	2:7	17 $\mu$ H	0.4 $\mu$ H	16 m $\Omega$	100m $\Omega$

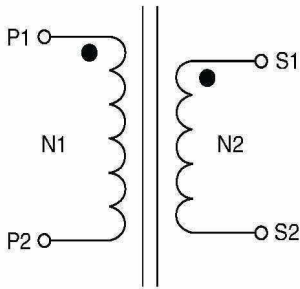
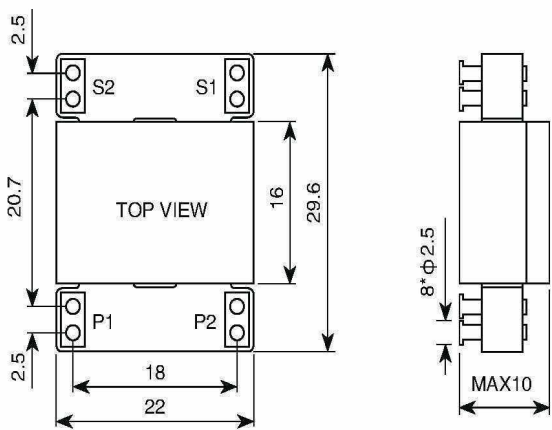


# EI22-2 150W Series



Features & Application

- 1. Use EI22 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power150W ;
- 3. working frequency: 200K~350K;
- 4. outline dimension :29.6\*22\*10mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 25g



Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:N2	Primary N1(P1-P2)			SEC.(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EI22T202031	2:3	18 $\mu$ H	0.2 $\mu$ H	1.5 m $\Omega$	1.8 m $\Omega$
EI22T202051	2:5	18 $\mu$ H	0.2 $\mu$ H	1.5 m $\Omega$	4.6 m $\Omega$
EI22T203041	3:4	42 $\mu$ H	0.3 $\mu$ H	3.1 m $\Omega$	2.8 m $\Omega$
EI22T205031	5:3	110 $\mu$ H	0.5 $\mu$ H	9.8 m $\Omega$	1.8 m $\Omega$

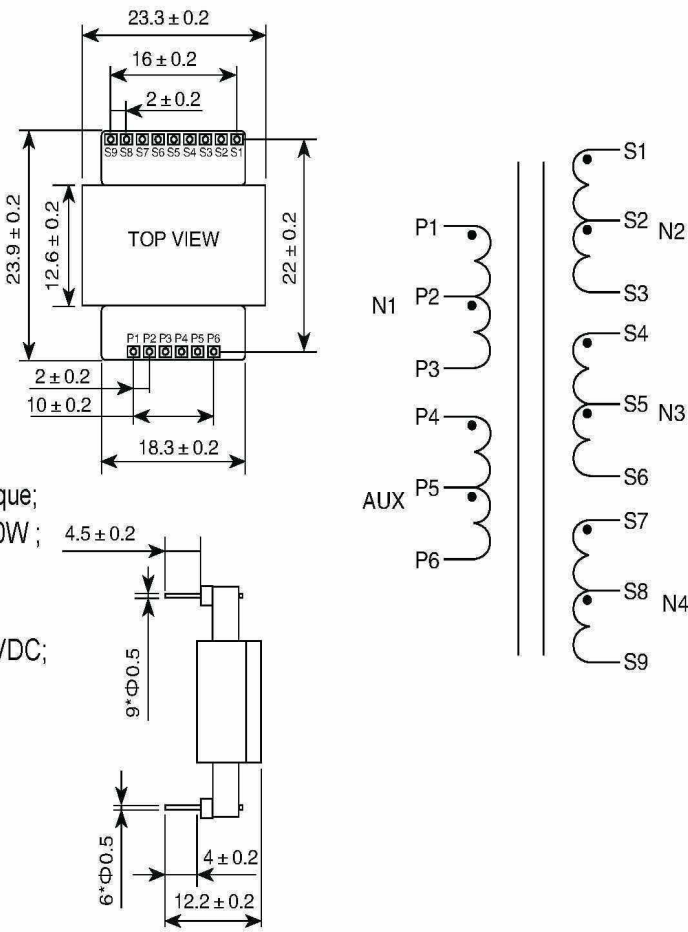


ER23-1 80W Series



Features & Application

- 1. Use ER23 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 80W ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :23.9\*23.3\*8.2mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6. Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 15g



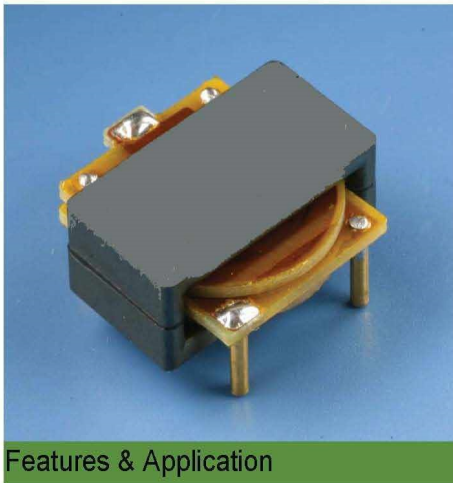
Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:N2:N3:N4:AUX	Primary N1(P1-P3)			
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	
ER23T907031	(7+7):(7+7):(7+7):(3+3):(7+7)	630μ H	0.6μ H	60+60 m Ω	
ER23T912031	(12+12):(7+7):(7+7):(3+3):(7+7)	1900μ H	2 μ H	240+240 m Ω	



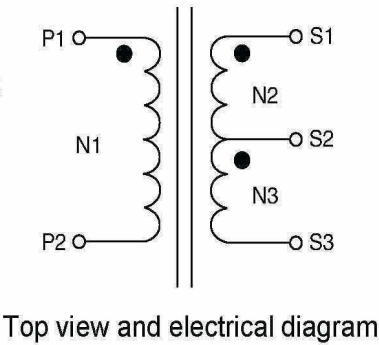
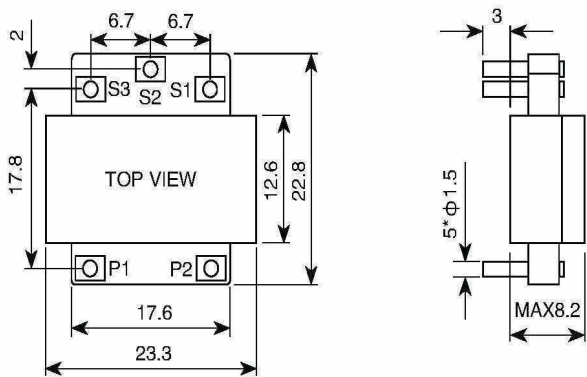


# ER23-2 120W Series



Features & Application

- 1. Use ER23 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 120W ;
- 3. working frequency: 200K~300K;
- 4. outline dimension :23.3\*22.8\*8.2mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 14g

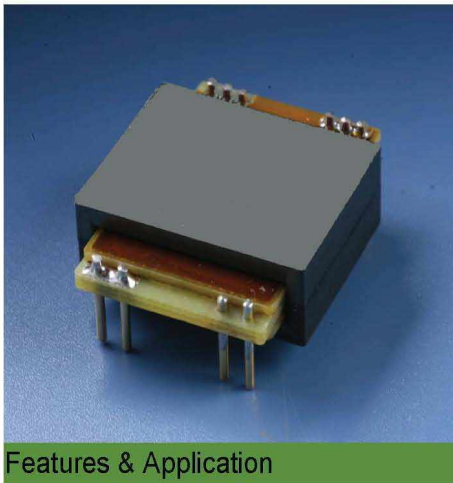


Top view and electrical diagram

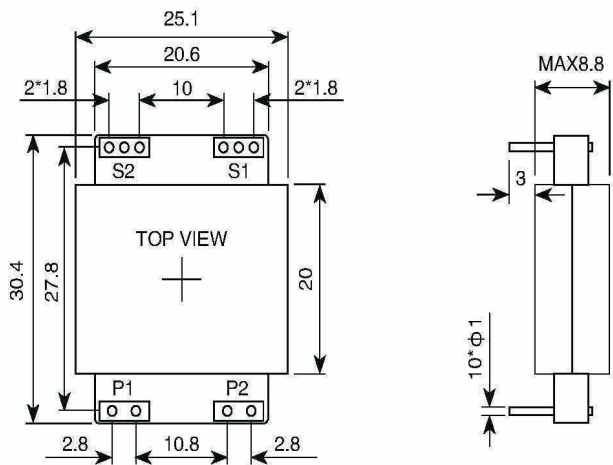
Part Number	Primary to Sec. ratio N1:(N2+N3)	Primary N1(PA-P2)			SEC. N2(S1-S2)	SEC. N3(S2-S3)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	DC resistance MAX
ER23T302021	2:(2+2)	12μH	0.5μH	0.9mΩ	1.1 mΩ	1.1 mΩ
ER23T302031	2:(3+3)	12μH	0.5μH	1.1 mΩ	33mΩ	33 mΩ
ER23T302051	2:(5+5)	12μH	0.5μH	0.9mΩ	8.2 mΩ	8.2 mΩ
ER23T303011	3:(1+1)	28μH	0.5μH	2.8mΩ	0.4mΩ	0.4 mΩ
ER23T304021	4:(2+2)	50μH	0.5μH	4.2mΩ	2.8 mΩ	2.8 mΩ
ER23T304031	4:(3+3)	50μH	0.5μH	4.2mΩ	3.5 mΩ	3.5 mΩ
ER23T304041	4:(4+4)	50μH	0.5μH	4.2mΩ	4.8 mΩ	4.8 mΩ



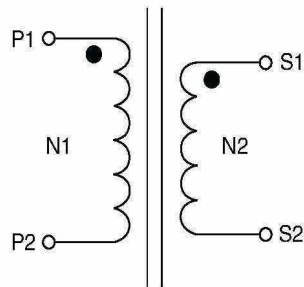
# EL25 150W Series



Features & Application



- 1. Use EL25 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 150W ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :30.4\*25.1\*8.8mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 28.5g



Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:N2	Primary N1(P1-P2)			SEC. (S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EL25T203011	3:1	40 $\mu$ H	0.5 $\mu$ H	2.2 m $\Omega$	0.35 m $\Omega$
EL25T203021	3:2	40 $\mu$ H	0.5 $\mu$ H	2.2 m $\Omega$	0.58 m $\Omega$



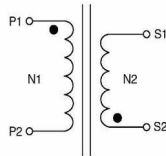
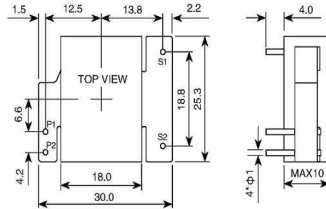
General Components Industry Corporation

# ER25-1 250W Series



Features & Application

1. Use EIR25 planar magnetic core ,multilayer PCB technique;
2. Use for AC/DC module power ,max output power 250W
3. working frequency: 200K~300K;
4. outline dimension :30\*25.3\*10mm (MAX);
5. withstand voltage between secondary coils :3KVDC;
6. Working temperature range : -40 C ~ 85 C ;
7. can offer secondary power winding ;
8. weight :<= 26.5g



Top view and electrical diagram

Part Number	Primary to Sec. ratio (N1:N2)	Primary N1(P1-P2)			SEC. N2(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
ER25T216011	16:1	1.1 $\mu$ H	2.8 $\mu$ H	110 m $\Omega$	0.6 m $\Omega$
ER25T216021	16:2	1.1 $\mu$ H	2.8 $\mu$ H	110 m $\Omega$	1.1 m $\Omega$
ER25T216031	16:3	1.1 $\mu$ H	2.8 $\mu$ H	110 m $\Omega$	2.8 m $\Omega$
ER25T216041	16:4	1.1 $\mu$ H	2.8 $\mu$ H	110 m $\Omega$	4.5 m $\Omega$





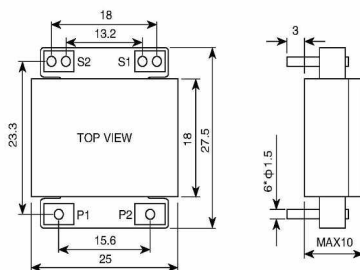
General Components Industry Corporation

# ER25-2 250W Series

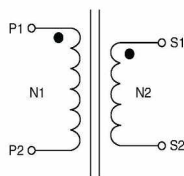
执行标准: GB/T14860和Q/MM162-2013



Features & Application



1. Use EIR25 planar magnetic core ,multilayer PCB technique;
2. Use for AC/DC module power ,max output power 250W ;
3. working frequency: 200K~300K;
4. outline dimension :27.5\*25\*10mm (MAX);
5. withstand voltage between secondary coils :3KVDC;
6. Working temperature range : -40 C ~ 85 C ;
7. can offer secondary power winding ;
8. weight :<= 27g



Top view and electrical diagram

Part Number	Primary to Sec. ratio (N1:N2)	Primary N1(P1-P2)			SEC. N2(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
ER25T202021	2:2	22 $\mu$ H	0.5 $\mu$ H	1.6 m $\Omega$	0.8 m $\Omega$
ER25T203021	3:2	50 $\mu$ H	0.5 $\mu$ H	2.5 m $\Omega$	0.8 m $\Omega$
ER25T203031	3:3	50 $\mu$ H	0.5 $\mu$ H	2.5 m $\Omega$	1.1 m $\Omega$
ER25T204021	4:2	88 $\mu$ H	0.5 $\mu$ H	5.5 m $\Omega$	0.8 m $\Omega$
ER25T204031	4:3	88 $\mu$ H	0.5 $\mu$ H	5.5 m $\Omega$	1.1 m $\Omega$
ER25T204041	4:4	88 $\mu$ H	0.5 $\mu$ H	5.5 m $\Omega$	3.0 m $\Omega$
ER25T214021	14:2	250 $\mu$ H	1.5 $\mu$ H	95 m $\Omega$	1.0 m $\Omega$
ER25T216021	16:2	250 $\mu$ H	1.5 $\mu$ H	115 m $\Omega$	0.8 m $\Omega$

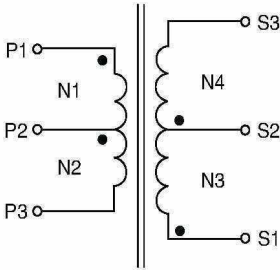
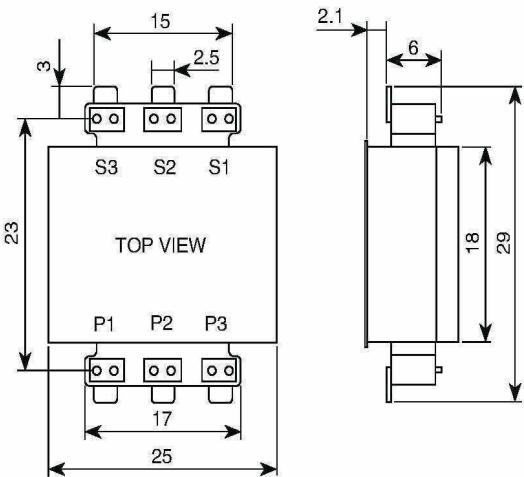


# ER25-3 250W Series



Features & Application

- 1. Use ER25 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 250W ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :29\*25\*10mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 25g

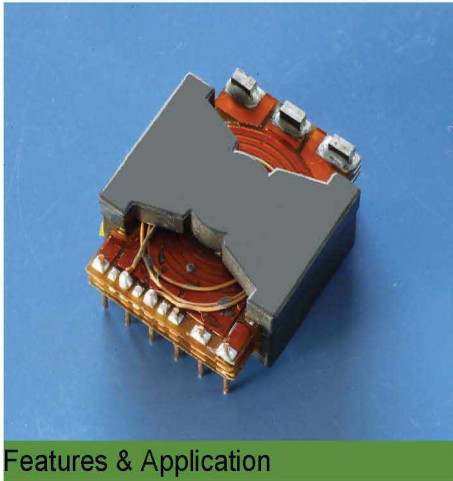


Top view and electrical diagram

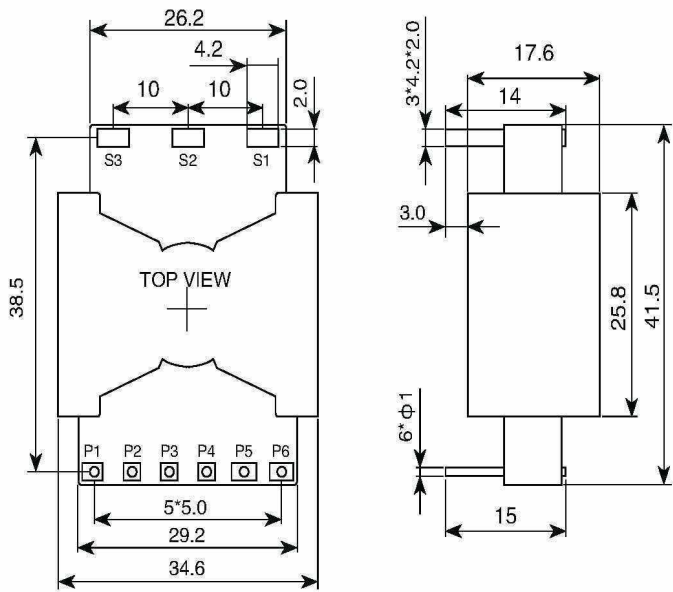
Part Number	Primary to Sec. ratio (N1+N2):(N3+N4)	Primary (N1+N2)			SEC. (N3+N4)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
ER25T402041	(2+2):(4+4)	17.5+17.5 μH	0.5+0.5 μH	3.1+3.1 mΩ	6.3+6.3 mΩ



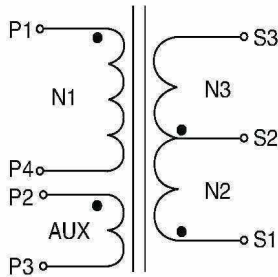
# PQ35 600W Series



Features & Application



- 1. Use PQ35 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 600W ;
- 3. working frequency: 200K~400K;
- 4. outline dimension :34.6\*41.5\*17.6mm (MAX);
- 5. withstand voltage between secondary coils :3KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 80g



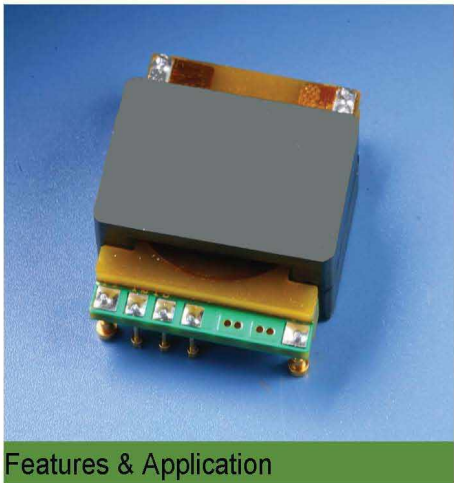
Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:(N2+N3):AUX	Primary N1(P1-P4)			SEC.
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
PQ35T440011	40:(1+1):3	1000±10%μ H	6μ H	310m Ω	0.2+0.2m Ω



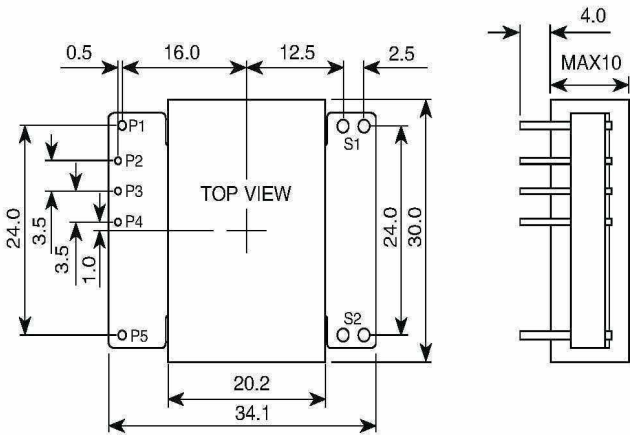


# ER30 300W Series

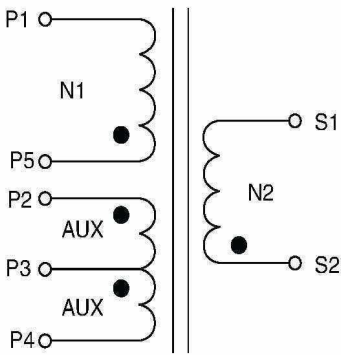


### Features & Application

- 1. Use EIR30 planar magnetic core ,muttlayer PCB technique;
- 2. Use for AC/DC module power ,max output power 300W ;
- 3. working frequency: 200K~300K;
- 4. outline dimension :34.1\*30\*10mm (MAX);
- 5. withstand voltage between secondary coils :3KVDC;
- 6. Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 42.5g



P1/P5=2\*φ1.0  
P2/P3/P4=3\*φ0.7  
S1/S2=4\*φ1.5

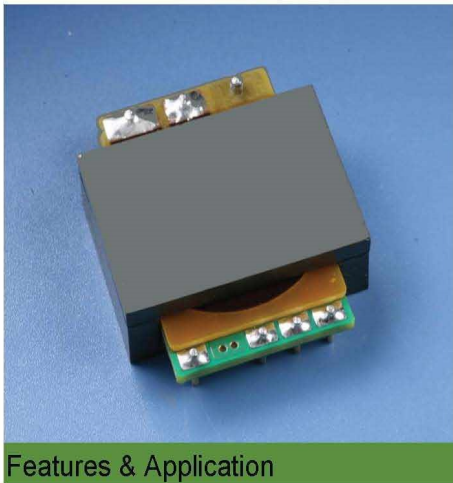


Top view and electrical diagram

Part Number	Primary to Sec. ratio	Primary N1(P1-P5)			SEC. (S1-S2)	
	N1:N2:AUX	Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	
ER30T318031	18:3:(2+18)	1.1 μH	3.2 μH	106 mΩ	0.95 mΩ	
ER30T203081	3:8:N	30 μH	0.5 μH	2.0 mΩ	13 mΩ	

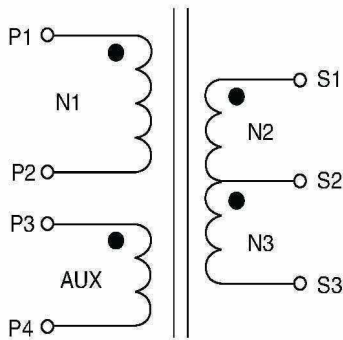
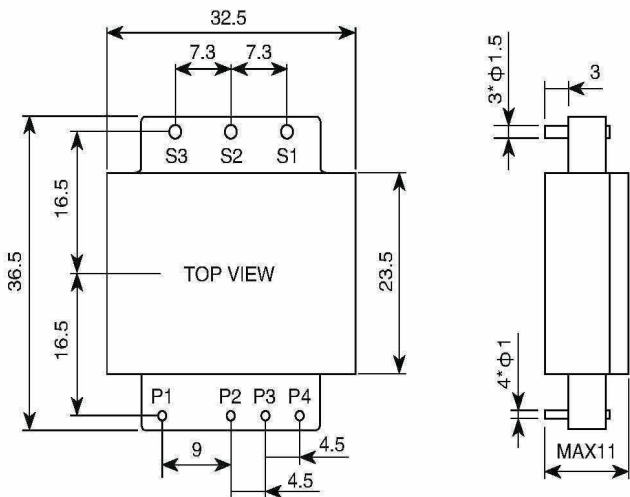


# ER32 500W Series



Features & Application

- 1. Use ER32 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 500W ;
- 3. working frequency: 200K~300K;
- 4. outline dimension :36.5\*32.5\*11mm (MAX);
- 5. withstand voltage between secondary coils :3KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 42.5g

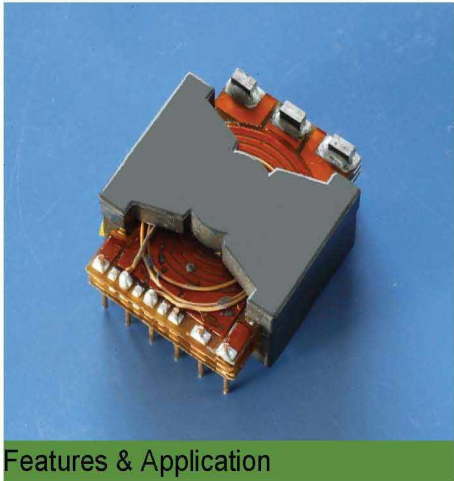


Top view and electrical diagram

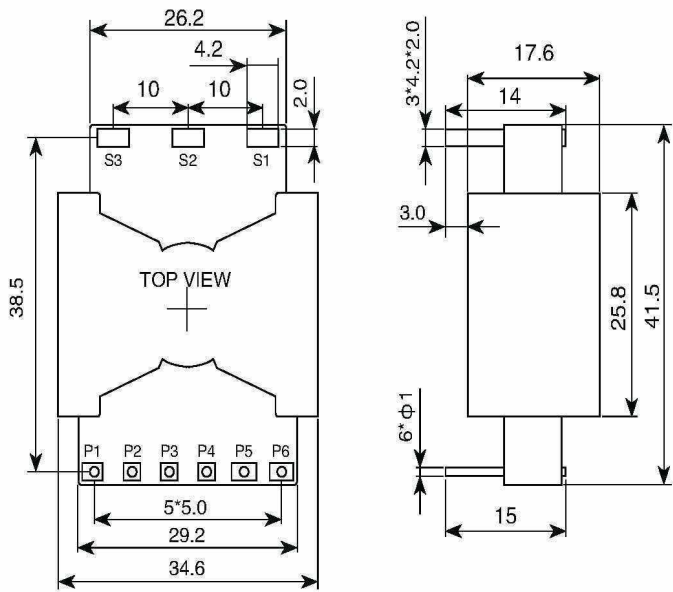
Part Number	Primary to Sec. ratio	Primary N1(P1-P2)			SEC. (N1+N2)	
	N1:(N2+N3):AUX	Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	
ER32T312011	12:(1+1):1	480μ H	1.5μ H	75 m Ω	0.46 m Ω+0.46 m Ω	
ER32T312021	12:(2+2):1	480μ H	1.5μ H	75 m Ω	1 m Ω+1 m Ω	
ER32T307021	7:(2+2):N	250μ H	5μ H	8.6 m Ω	1.3mΩ+1.3mΩ	



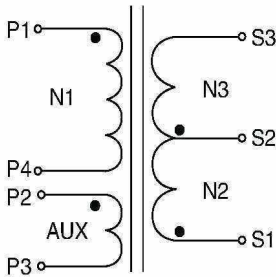
PQ35 600W Series



Features & Application



- 1. Use PQ35 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 600W ;
- 3. working frequency: 200K~400K;
- 4. outline dimension :34.6\*41.5\*17.6mm (MAX);
- 5. withstand voltage between secondary coils :3KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 80g



Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:(N2+N3):AUX	Primary N1(P1-P4)			SEC.
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
PQ35T440011	40:(1+1):3	1000±10%μ H	6μ H	310m Ω	0.2+0.2m Ω

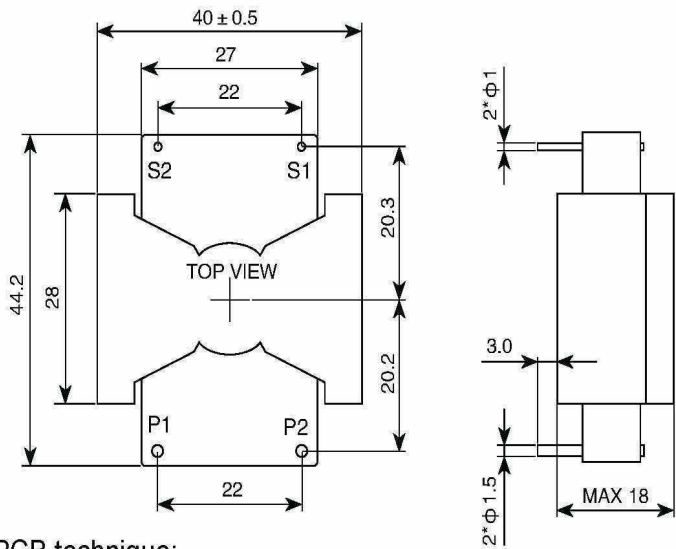




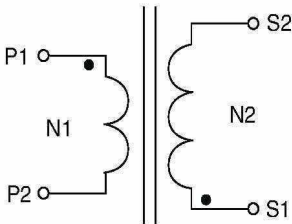
# PQ40 1000W Series



Features & Application



- 1. Use PQ40 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 1000W ;
- 3. working frequency: 100K~200K;
- 4. outline dimension :44.2\*40\*18mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<= 75g

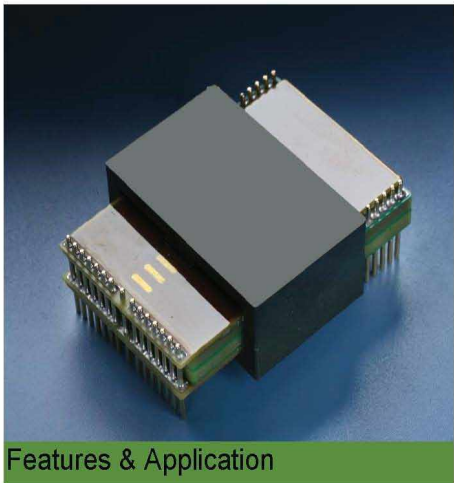


Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:N2	Primary N1(P1-P2)			SEC. N2(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
PQ40T206141	6:14	200μH	0.5μH	10.5mΩ	38mΩ

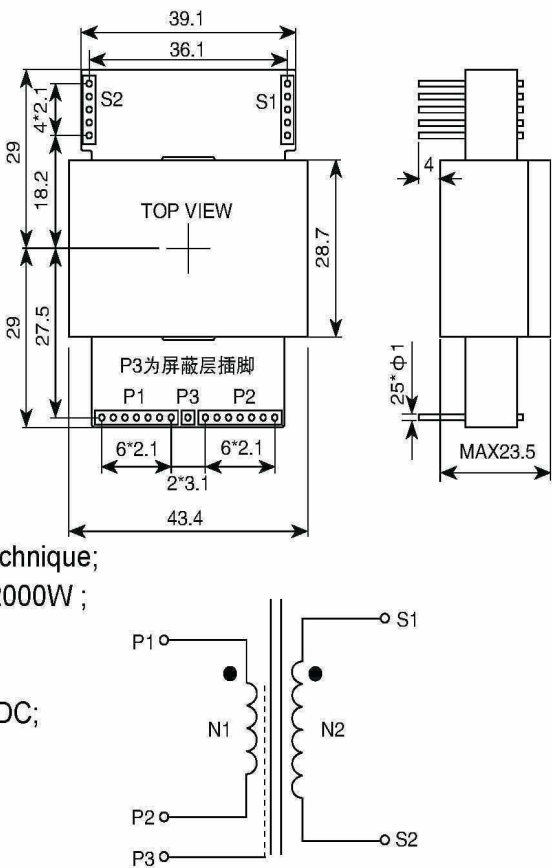


# EE43 2000W Series



Features & Application

- 1. Use EE43 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output power 2000W ;
- 3. working frequency: 100K~200K;
- 4. outline dimension :58\*43.4\*23.5mm (MAX);
- 5. withstand voltage between secondary coils :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. weight :<=180g



Top view and electrical diagram

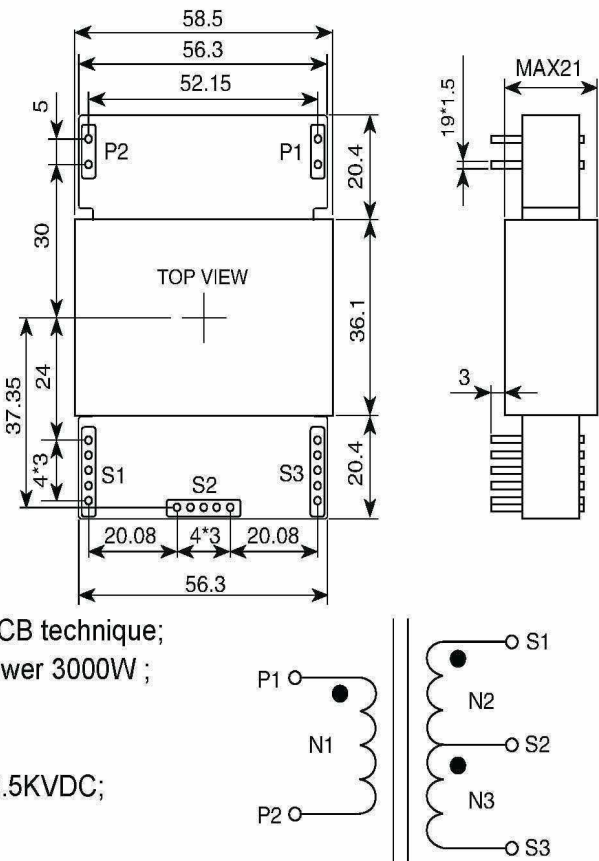
Part Number	Primary to Sec. ratio N1:N2	Primary N1(P1-P2)			SEC. N2(S1-S2)	Remarks
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX	
EE43T201101	1:10	7.2μH	0.4μH	0.2mΩ	9mΩ	P3 is EMS
EE43T201111	1:11	7.2μH	0.4μH	0.2mΩ	10mΩ	
EE43T202201	2:20	35.5μH	0.5μH	0.4mΩ	22mΩ	
EE43T202211	2:21	35.5μH	0.5μH	0.4mΩ	25mΩ	
EE43T218171	18:17	2100μH	0.5μH	35 mΩ	30mΩ	



# EE58-1 3000W Series



Features & Application



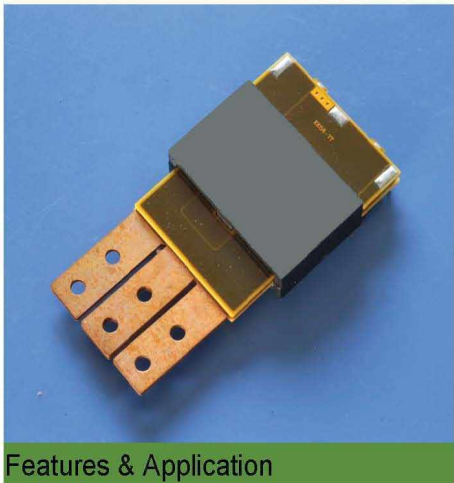
- 1. Use EE58 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 3000W ;
- 3. working frequency: 50K~150K;
- 4. outline dimension :79.2\*58.5\*21mm (MAX);
- 5. withstand voltage between secondary coils :2.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. weight :<=260g

Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:(N2+N3)	Primary N1(P1-P2)			SEC. (N2+N3)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EE58T314021	14:(2+2)	1100μ H	1.5 μ H	285 m Ω	0.6+0.6m Ω

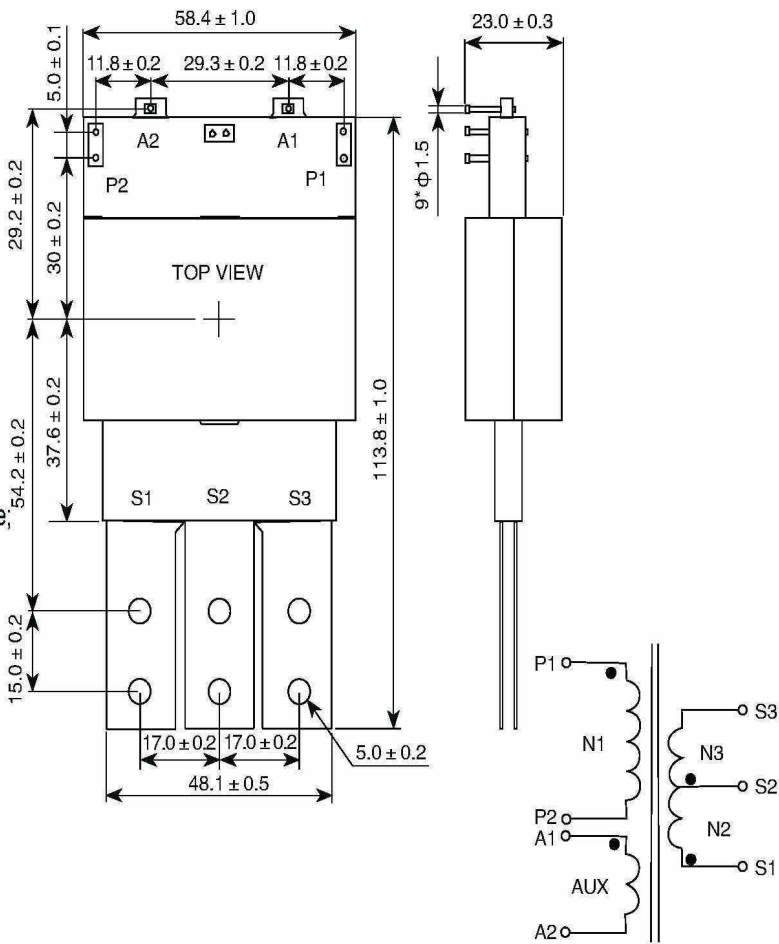


EE58-2 3000W Series



Features & Application

- 1. Use EE58 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 3000W ;
- 3. working frequency: 50K~150K;
- 4. outline dimension :113.8\*58.5\*23mm (MAX);
- 5. withstand voltage between secondary coils :2.5KVDC;
- 6. Working temperature range : -40 C ~ 85 C ;
- 7. can offer secondary power winding ;
- 8. weight :<=260g



Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:(N2+N3):AUX	Primary N1(P1-P2)			SEC. (N2+N3)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EE58T414011	14:(1+1):1	1800μ H	1.8μ H	26 m Ω	0.01+0.01 m Ω



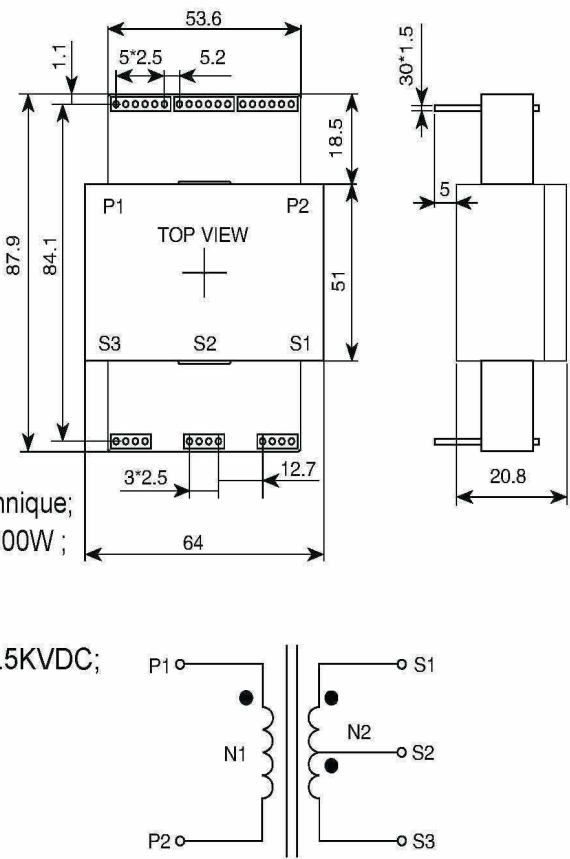


# EE64 5000W Series



### Features & Application

- 1. Use EE64 planar magnetic core ,mutillayer PCB technique;
- 2. Use for AC/DC module power ,max output power 5000W ;
- 3. working frequency: 80K~200K;
- 4. outline dimension :87.9\*64\*20.8mm (MAX);
- 5. withstand voltage between secondary coils :1.0-3.5KVDC;
- 7. weight :<=470g

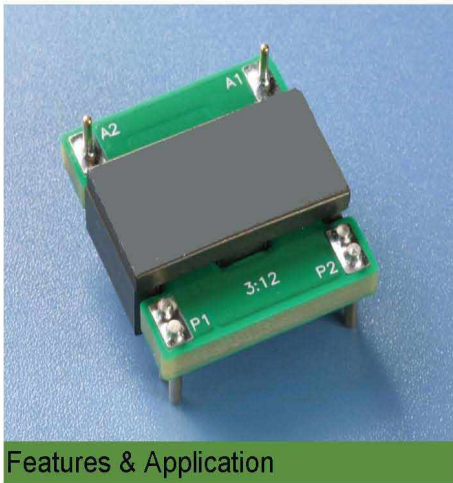


Top view and electrical diagram

Part Number	Primary to Sec. ratio N1:N2	Primary N1(P1-P2)			SEC. N2(S1-S2)
		Inductance MIN	leakage Inductance MAX	DC resistance MAX	DC resistance MAX
EE64T306021	6:(1+1)	2μH	1.0μH	6.7mΩ	0.08mΩ+0.08mΩ

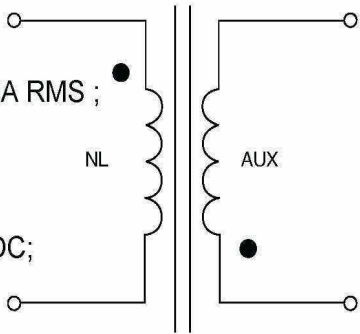
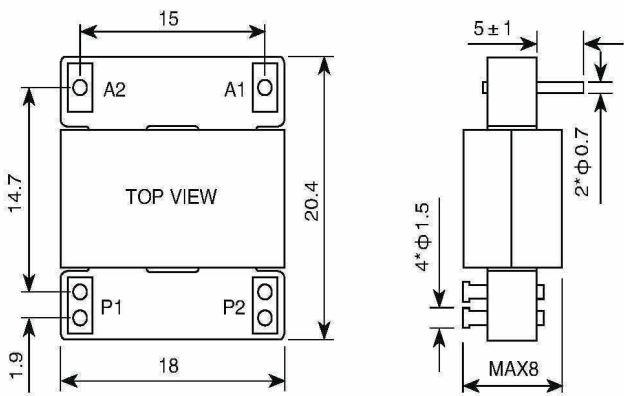


# EI18 30A Series



Features & Application

- 1. Use EI18 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output rated current 30A RMS ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :20.4\*18\*8mm (MAX);
- 5.with accessory power supply and feedback winding;
- 6.insulation and withstand voltage between magnetic :1.5KVDC;
- 7.Working temperature range : -40 C ~ 85 C ;
- 8. weight :<=9.5g



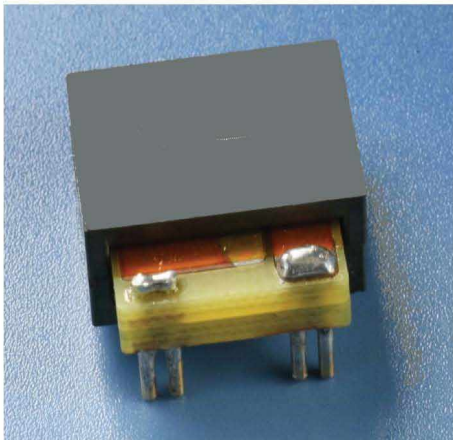
Top view and electrical diagram

Part Number	Primary to Sec. ratio N2:AUX	Inductance	DC resistance MAX	Irated(DC)
EI18L150301	3:12 (AUX)	1.5μH±10%	3mΩ	30A RMS
EI18L200301	3:10 (AUX)	2.0μH±10%	3mΩ	30A RMS
EI18L250301	3:8 (AUX)	2.5μH±10%	3mΩ	30A RMS

Remarks:The inductance can be customized according to customer demand

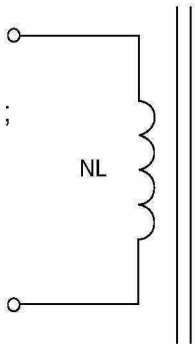
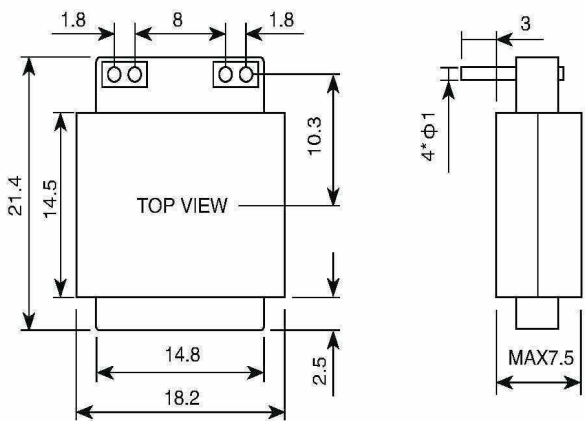


# EL18 40A



Features & Application

- 1. Use EL18 planar magnetic core ,mutillayer PCB technique;
- 2. Use for DC/DC module power ,max output rated current 40A RMS ;
- 3. working frequency: 200K~500K;
- 4. outline dimension :21.4\*18.2\*7.5mm (MAX);
- 5.insulation and withstand voltage between magnetic :1.5KVDC;
- 6.Working temperature range : -40 C ~ 85 C ;
- 7. weight :<=12g



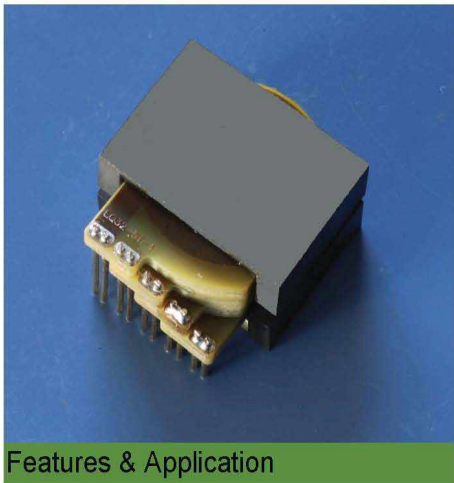
Top view and electrical diagram

Part Number	Turns	Inductance	DC resistance MAX	Output voltage	Irated(DC)
EL18L150401	3	1.5μH±10%	0.95mΩ	3.3V	40A RMS
EL18L200351	3	2.0μH±10%	0.95mΩ	5V	35A RMS

Remarks:The inductance can be customized according to customer demand

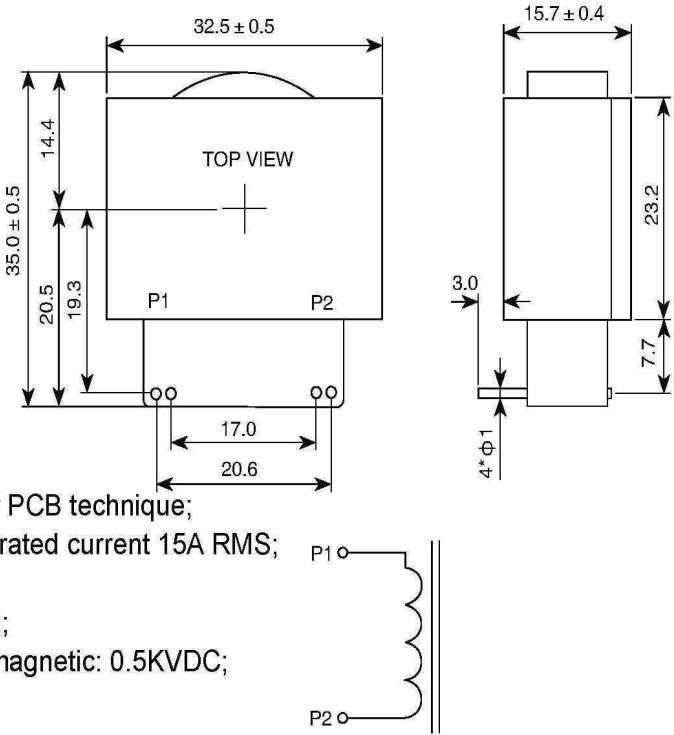


# EQ32 15A Series



Features & Application

- 1. Use EQ32 planar magnetic core, multilayer PCB technique;
- 2. Use for DC/DC module power, max output rated current 15A RMS;
- 3. Working frequency: 100K~300K;
- 4. Outline dimension: 35\*32.5\*15.7mm (MAX);
- 5. Insulation and withstand voltage between magnetic: 0.5KVDC;
- 6. Working temperature range: -40 C ~ 85 C;
- 7. Weight: <=75g



Top view and electrical diagram

Part Number	Inductance	DC resistance MAX	Irated(DC)
EQ32L801151	71 ~ 80μH	11 mΩ	15A RMS

Remarks:The inductance can be customized according to customer demand





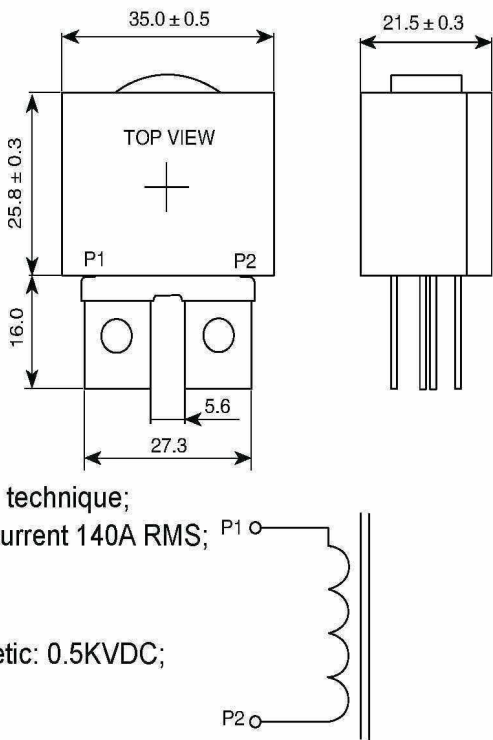
# PQ35 140A

执行标准: GB/T14860和Q/MM163-2013



Features & Application

- 1. Use PQ35 planar magnetic core, multilayer PCB technique;
- 2. Use for DC/DC module power, max output rated current 140A RMS;
- 3. Working frequency: 100K~200K;
- 4. Outline dimension: 35\*44\*21.5mm (MAX);
- 5. Insulation and withstand voltage between magnetic: 0.5KVDC;
- 6. Working temperature range: -40 C ~ 85 C;
- 7. Weight: <=80g



Top view and electrical diagram

Part Number	Inductance	DC resistance MAX	Irated(DC)
PQ35L330142	3.3 μH ± 10%	0.5 mΩ	140A RMS

Remarks:The inductance can be customized according to customer demand