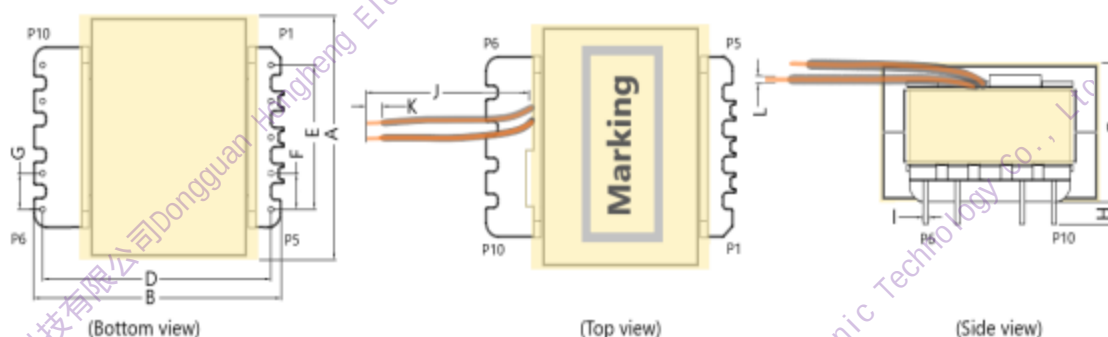
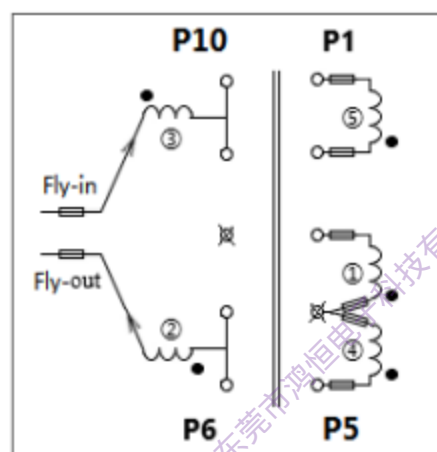


Features:

- Designed for AC/DC transformer suppliers or controllers for the application of output up to 250Watts.
- Aux. and Flyback available.
- Operates in condition model with wide input voltage from 90 to 264Vac.
- Ferrite core with very low power loss used, good performance in frequency range up to 500kHz.
- Very low DC resistance and powerloss.
- 3000Vrms, one minutes isolation between Primary and Secondary.
- 20.0mm Max. height only.
- Operating temperature range: -40°C to +155°C (Including coil temperature rise due to self-generated heat).
- Storage temperature range: -20°C to +85°C.
- RoHS Compliant.

Mechanical (Unit: mm):

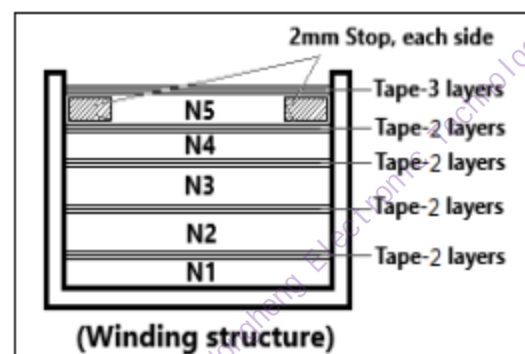
A	34.0 Max.
B	41.5 Max.
C	20.0 Max.
D	35.5±0.5
E	20.0±0.2
F	5.0±0.2
G	5.0±0.2
H	4.5±0.5
I	Ø0.8±0.1
J	45 ±2.0
K	4.0 ±1.0
L	Ø3.2 Ref.
* N.W. : around 60g	

Inner connection:

- * P8: fully removed;
- * P4: cut off 2/3;
- * P6 and P7, P9 and P10 is shorted on PCB;
- * : Tube(White);
- * : Winding start

EQ3319 SM240S12
HHd -YYWW

YYWW: Week number
(Marking)

**Winding, Winding structure:**

	Stop			Start	Finish	Wire	Turns	Winding method	Tube	Tape
①	—	N1	Pri.	P4	P3	TIW-3Ø0.5mm-F-Golden	14 T	Even & Close-winding (1 layer)	2 TFL	2 layers
②	—	N2	Sec.	P6,P7	Fly-out	Ø0.10mm*150P*2-F-Golden	2 T	Even & Close-winding (1 layer)	2 TFL	2 layers
③	—	N3	Sec.	Fly-in	P9,P10	Ø0.10mm*150P*2-F-Golden	2 T	Even & Close-winding (1 layer)		2 layers
④	—	N4	Pri.	P5	P4	TIW-3Ø0.5mm-F-Golden	10 T	Close-winding (1 layers)	2 TFL	2 layers
⑤	2mm, each side	N5	Aux.	P2	P1	TIW-3Ø0.3mm-F-Golden	3 T	Close-winding	2 TFL	3 layers

Fly-in and Fly-out are separately twisted, each covered with tube from winding area.

Electronic Characteristics:

Item	Between	Spec.	Test condition	Remarks
1. Inductance(uH)	P5-P3	240 ± 8%	10kHz/1Vrms	100% test
	P6,P7-P9,P10	6.67 Ref.	10kHz/1Vrms, Flyout and Flyin short	Sample test
	P6,P7-Flyout	1.80 ± 10%	10kHz/1Vrms	100% test
	Flyin-P9,P10	1.80 ± 10%	10kHz/1Vrms	100% test
	P2-P1	4.10 ± 10%	10kHz/1Vrms	100% test
2. Leakage inductance(uH)	P5-P3	6.0 Max. (4.9 Typ.)	@25°C, all other terminals and leaders short	Sample test
3. DCR(mOhm)	P5-P3	142 ± 15%	@25°C	100% test
	P6,P7-P9,P10	3.6 ± 20%	10kHz/1Vrms, Flyout and Flyin short	Sample test
	P6,P7-Flyout	1.7 ± 20%	@25°C	100% test
	Flyin-P9,P10	1.9 ± 20%	@25°C	100% test
	P2-P1	26.8 ± 15%	@25°C	100% test
4. Turns ratio	(P5-P3):(P6,P7-Flyout):(Flyin-P9,P10):(P2-P1)=24:2:2:3 (±3%)			100% test
5. Hi-Pot	Pri.-Sec.	3.0kVAC/0.5mA/3S		100% test
	Coils-Core	1.5kVAC/0.5mA/3S		100% test

Remarks:

* All test data is referenced to 25°C ambient temperature.

* Test equipment: VC4092B, TH2516B, C3250 or equivalent.

Packing :

*Packing Quantity 包装数量 :

Quantity / Pallet 数量 / 盘	Quantity / Inner box 数量 / 内盒	Quantity / Carton box 数量 / 外箱	N. W./Carton box 净重/箱	G.W./Carton box 毛重/箱
50 pcs	—	(50 *4) 200 pcs	12.0kg	14.5kg

* Packing Quantity may vary depending on the order volume. 包装数量会因订单量而异。

* Label 标签:

All the labels on the inner box and outer box are the same, and the format and content of the label is shown as the right table.

外箱、内箱标签相同，标签的格式和内容如右表所示。

Material Code 料号编码	
Modl, Des. 规格型号	EQ3319 SM240S12
Qty. 数量	
Lot. 批号	