

LAYOUT DIAGRAM(原理图): (FIG-1)

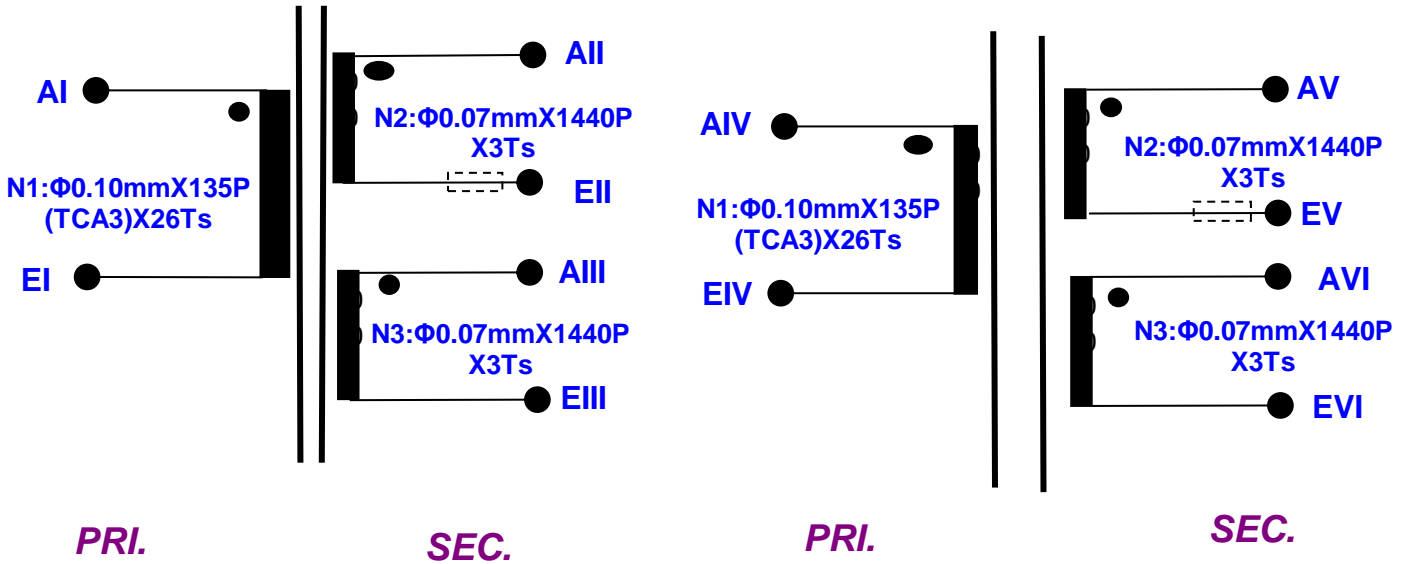


FIG-1

Remark:
 1. " --- " Wrap the tail wire with 1PEN2 tape to prevent short circuit
 1PEN2 胶纸包住尾线,防止短路.

CROSS SECTION DAGRAM剖视图: (FIG-2)

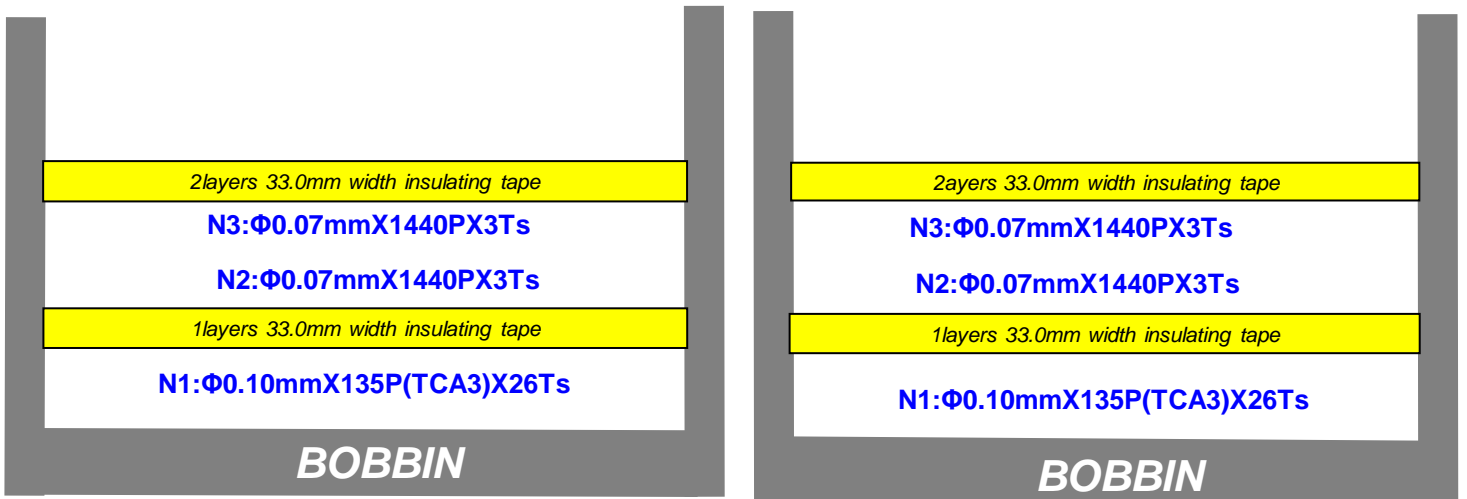


FIG-2

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DATA SPECIFICATION 特性要求: (Table-1)

ITEM 项目	MEASUREMENTS 测试脚位	CHARACTERISTICS 测试范围	MEASURING CONDITIONS 测试条件 (T=20±4℃;HR(%)=45±15)	REMARK 备注
LS 电感	PIN(AI-EI)/PIN(AIV-EIV)	350uH±20%	F(kHz)=10 Ug(V)=0.1	SERIAL MODE 串联模式
HIPOT 耐压	PRI./SEC.	NO BREAKDOWN 漏电流≤5mA	VAC=3200V/2SEC. F(Hz)=50/60	/
	COIL./COVER	NO BREAKDOWN 漏电流≤5mA	VAC=1600V/2SEC. F(Hz)=50/60	/
PH 相位	REFER TO LAYOUT DIAGRAM FIG-1 参照原理图 FIG-1			

REMARK:初级和次级不相同的两个绕组需测试是否短路

100% testing for the above electrical characteristics.
所有产品按以上要求进行100%测试.

Nominal current: I_{eff} = 10A, I_{max} = 30A
标称电流: I_{eff} = 10A, I_{max} = 30A

Operating - / Storage temperature: -25° C - +125° C / -25° C - +85° C
工作/储存温度: -25° C - +125° C / -25° C - +85° C

Quality Requirement:(品质要求)

Ref ANSI/ASQC.Z1.4 2008 Level II . Major AQL=0.4% Minor AQL=1.0%.
参照ANSI/ASQC.Z1.4 2008 Level II . Major AQL=0.4% Minor AQL=1.0%.

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OUTLINE DIAGRAM (外观图) :

UNIT : mm (FIG-3 FIG-4 FIG-5 FIG-6)



FIG-3

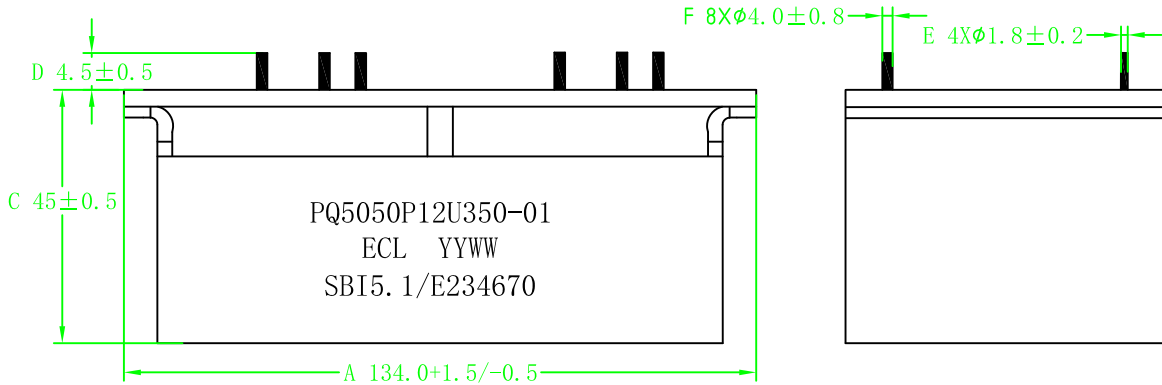


FIG-4

FIG-6

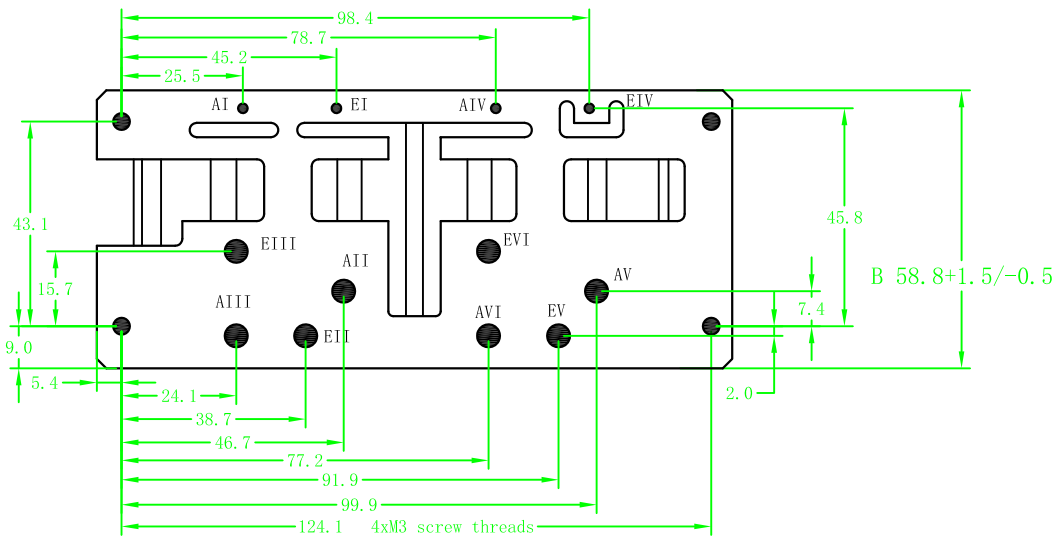


FIG-5 NOTES:

1. The housing consists of 2mm thick aluminium.
2. All wires need to be fixed to the mounting plate.
3. For mounting purposes the housing needs to have 4 x M3 screw threads.
4. The component height needs to meet 45mm + 0,5mm.
5. For a better thermal conductivity both transformers need to be potted as close as possible to the housing.
6. dxf data file: 762003249_additional_information_2021-10-14.zip
7. To verify the tolerances please use the designed gauge.
8. remove the 4 screws

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