



广州市美登电子有限公司

Miden Electronics Co., Ltd.

样品承认书

SPECIFICATION FOR APPROVAL

客户名称
CUSTOMER

RANG DONG

客户料号
PAPT NO

080-49181-00

品名规格
ITEM SPECS

High-frequency transformer

美登料号
MD SKU. NO

EE55-2.4mH Min

文件号码
FILE NO

MD03-20250417

日期
DATE

2025年4月17日

认定签章 APPROVED BY

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客户名称 CUSTOMER	RANG DONG	客户料号 PART NO	080-49181-00	版次 REV:A	页码: 2/5
品名规格 ITEM SPECS	High-frequency transformer	美登料号 MD SKU NO	EE55-2.4mH Min	RH:70% TEMP:25℃	

文件变更记录表
(ECN RECORDS)

次数 ECN NO	版次 REV	变更内容 Revised content	变更人 Change a	日期 Date
1	A	制定版本	黄龙	20250417

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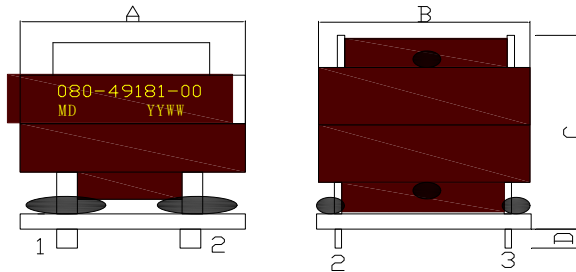


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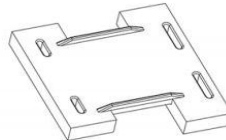
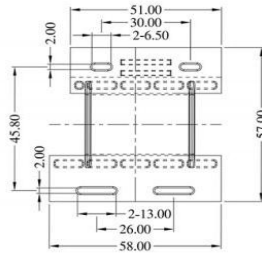
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1. 外观尺寸DIMENSIONS (UNIT:mm)



正视图
FRONT BIEW

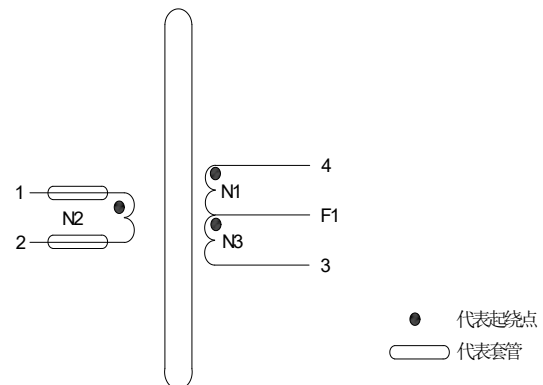
侧视图
SIDE VIEW



底板图
BOTTOM VIEW

Location	Dimensions
A	61.0 MAX
B	59.0 MAX
C	77.0 MAX
D	5.0±0.5
E	
F	
G	
H	
I	

2. 原理图 (Schematic Diagram)



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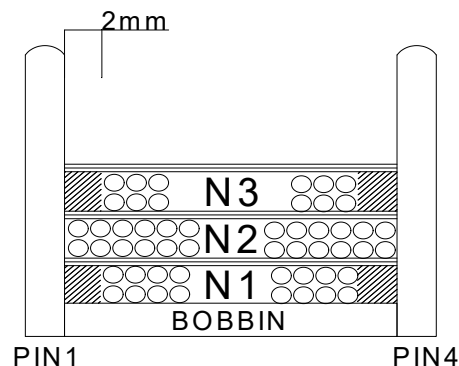


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3. 绕线层次图 (Winding Layer Diagram)



4. 绕线结构表 (Winding Structure Diagram)

绕组	S	F	WIRE	TURN S	WINDING MOTHED	YELLOW TAPE	TFL TUBE		ACT	
							S	F	PIN	TOP
N1	4	F1	Stranded wire 0.2*40P*3股	5.5	密绕	0.05*36.5*2TS	8L black	8L white	3	3
N2	1	2	0.25*35mm*4片 Adhesive backed copper skin	2	居中绕制	0.05*36.5*2TS	/	/	/	/
N3	F1	3	Stranded wire 0.2*40P*3股	10.5	密绕	0.05*36.5*3TS	8L white	8L white	6	6

5. 注意说明 (Remark)

- F1 is the flight line, flying out from the top and circling around N2, Then turn around and bypass N3, with a copper lead of 1.2 * 2P
- The magnetic core has no breath. First, wrap it three times with 20mm high-temperature tape, and then wrap it two times with 41mm high-temperature tape,
- Glue four points to fix the magnetic core joint, install the base plate, and fix the base plate with glue.
- The product is vacuum immersed in oil, dried, and kept clean and tidy in appearance. Pin1-2 side print "080-49181-00 MD YYWW"

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品名规格 ITEM SPECS	High-frequency transformer	美登料号 MD SKU NO	EE55-2.4mH Min	RH:70% TEMP:25℃	

6. 物料清单 (Material List)

序号	物料名称 Name	规格描述 Spec	等级 Class	厂商 Supplier	UL编号 UL FILE
1	骨架 (BOBBIN)	/	/	/	/
2	磁芯 (CORE)	EE55/56/21	PC95	ZHONG DE	/
3	线材 (WIRE)	QA155	155℃	YIDA	E344055
4		/	/	/	/
5	热敏电阻	/	/	/	/
6	胶带 (TAPE)	PF*	180℃	ya hua	E165111
7	套管 (TUBE)	CJ-TT-L	200℃	chang jie	E338209
8	锡条 (SOLDER)	无铅锡条	/	yong jia run	/
9	绝缘漆 (VARNISH)	E962	/	chang xian	E335405
10	环氧树脂 (EPOXY)	FK661 无卤	/	hui zhou qi fu	/

7. 电气特性 (Electrical Characreristics)

序号 Ref. No	测试项目 Test Item	测试脚位 Test Pin	规格要求 Spec. Request	测试条件 Test Condition
①	电感 (L)	L (4--3)	2.4mH Min	TH2817B 10KHZ 1V
②	漏感 (LK)	LK (4--3)	10uH MAX	
③	耐压 (HI-POT)	P--S	AC3.0KV/3mA/60S	CC2671A
		P--CORE	AC1.5KV/3mA/60S	
		S--CORE	AC1.5KV/3mA/60S	

8. 样品检验表 (Test Records)

MEAS	A	B	C	D	E	F	G	H	I		L (4--3)	漏感 (LK)	HI-POT
SPEC	61.0 MAX	59.0 MAX	77.0 MAX	5.0±0.5							2.4mH Min	LK (4--3)	PASS
1	58.65	56.89	73.64	5.03							4.25	4.62	
2	58.67	56.84	74.15	5.12							4.25	4.58	
3	58.67	56.87	7.98	5.07							4.27	4.67	
4													
5													
MAX	58.67	56.89	74.15	5.12							4.27	4.67	
MIN	58.65	56.84	7.98	5.03							4.25	4.58	
X	58.66	56.87	51.92	5.07							4.26	4.62	

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