

SPECIFICATION FOR APPROVAL

CUSTOMER P/N:

CUST MODEL NO: EE8.3 冨 (2+2)

DOCUMENT DATE: 2025/5/6

电话: 13686801482



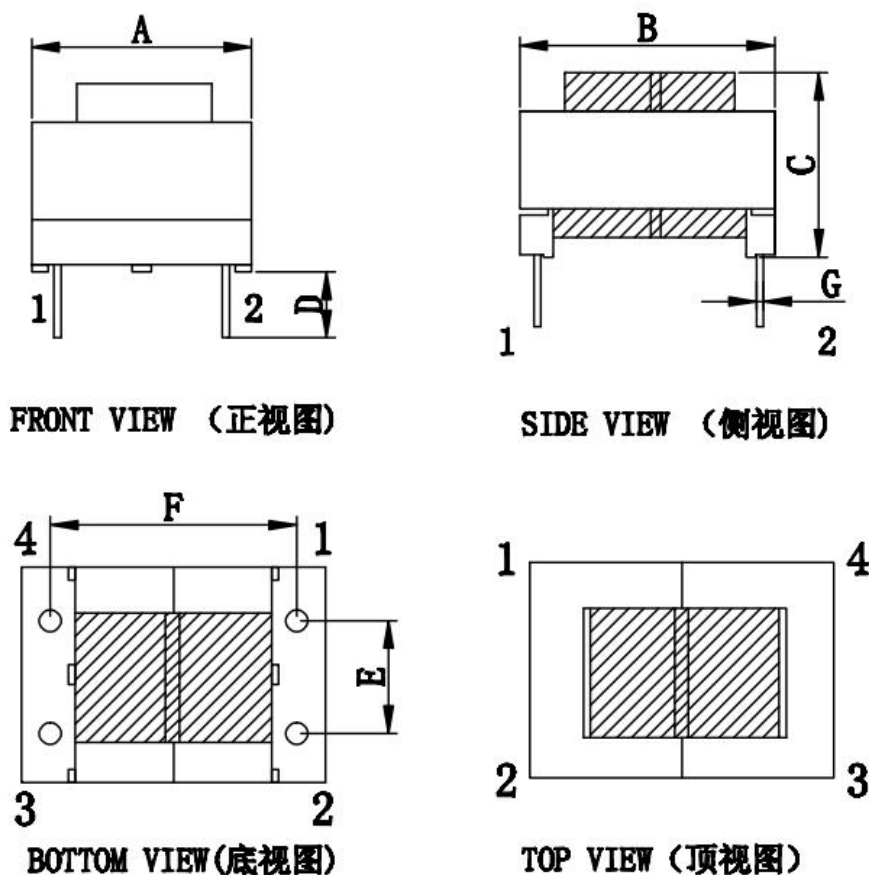
揭阳市名扬电子有限公司/JIEYANGSHI MINGYANG DIANZIYOUXIANGONSI

2022/7/25		新规格发行 New specification issued	A/0	李国栋	蔡冰
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杨晓梅	黄春葵	蔡冰	日期/DATE 2025/5/6

描述/DESCRIPTION	型号	客户料号/USER PART NO.
电感 TRANSFORMER	EE8.3-5MH	

1. 外形尺寸图/PHYSICAL DIMENSION: (单位/UNIT: mm)



型号: EE8.3

DIM	A	B	C	D	E	F	G
mm	10.0	10.0	10.0	3.5	5.0	6.8	0.5*0.5
SPEC	MAX	MAX	MAX	±0.5	±0.5	±0.5	±0.1

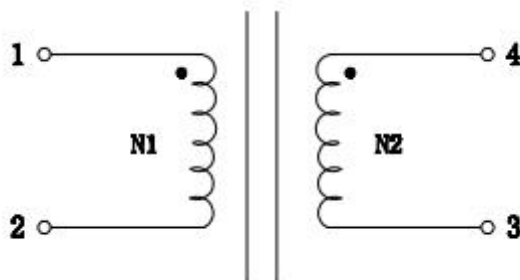
备注:

- 1.骨架为 EE8.3 卧式 全脚.
- 2.磁芯用浅黄色胶带包固定.
- 3.产品需含浸.

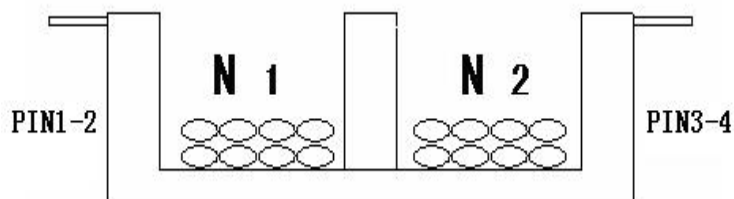
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2. 电气连接图/SCHEMATIC DIAGRAM:



3. 绕组结构图/WINDING LIST



绕组 NO.	脚位 TERMINAL	线径 WIRE	圈数 (仅供参考, 感量为准) TURNS	绝缘胶带 INSULATION TAPE
N1	1-2	0.2mm 2UEW	70T REF	2TS
N2	4-3	0.2mm 2UEW	70T REF	

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名扬电感

规格书/SPECIFICATIONS

揭阳市名扬电子有限公司/JIEYANGSHI MINGYANG DIANZIYOUXIANGONSI

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4. 电气特性/ELECTRICAL CHARACTERISTICS:

温度 25℃ 湿度 65%±20% RH (TEMPERATURE AT 25℃ HUMIDTY AT 65±20% RH)

TEST PROJEET 测试项目	TEST PIN 测试脚位	SPECIFICATION 测试规格	TEST CONDITION 测试条件	TESTER 测试机
电感	L1-2 L3-4	5MH min	1KHZ 0.3V	TH2817CX
高压	COIL-COIL COIL-CORE	1000V AC	50HZ 5mA 3S	19053
		800V AC	50HZ 5mA 3S	
绝缘电阻 (MΩ)	COIL-CORE	100MΩ MIN	@ DC 500V	

5. 材料清单/MATERIAL LIST

No.	PART	MATERIAL	MANUFACTURER	RATING	SIZE	UL FILE NO.
1	CORE 磁芯	AL=3500 MIN	SHANGDONG HENGRUI MAGNET TECHNOLOGY CO., LTD.LTD OR EOUIVALENT	N/A	EE8.3	N/A
2	BOBBIN 骨架	T375HF	CHANG CHUN PLASTIC CO., LTD	150℃	EE8.3	E59481
3	WIRE 铜线	xUEW/155, QA-x/155	NINBO JINTIAN NEW MATERIALC0., LTD OR EOUIVALENT	155℃	0.18mm	E348247
4	VARNISH 凡立水	HMT	ZHUHAI CHANGXIAN NEWMATERIALS TECHNOLOGY CO.,LTD OR EOUIVALENT	130℃	N/A	E335405
5	TAPE	E962	SHENZHEN XINHUAHUI ELECTRONIC MATERIALS CO.,LTD OR EOUIVALENT	130℃	0.025mm/t	E328315

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QUANTITY 数量		5PCS	DESCRIPTION 描述			EE8. 3		TEST CONDITION:1EHZ/0. 3V INDUCTANCE: @ KHZ/				
TEMPERATURE 温度		25℃	HUMIDITY 湿度			60%						
TEST INSTRUMENT		☐ CH-310 ☐ CH-301 ☒ CH-502 ☐ CH-100 ☒ CH-4284A										
		☒ TH2817CX ☐ CH-1302 ☒ 19053 ☒ CH-1062 ☐ CH-3205B										
ITEM		SPEC	1	2	3	4	5	6	7	8	9	10
L	1--2	10MH MIN	13.2	13.4	14.3	14	14.2					
	4--3	10MH MIN	13.2	13.4	14.3	14	14.2					
HI-POT AC 50HZ 5MA 3SEC	COIL-COIL	1000V	OK	OK	OK	OK	OK					
	COIL-CORE	800V	OK	OK	OK	OK	OK					
DIMENSION 尺寸	A	10.0MAX	9.24	9.30	9.25	9.27	9.26					
	B	10.0MAX	9.16	9.06	9.13	9.15	9.11					
	C	10.0MAX	9.10	9.08	9.12	9.10	9.11					
	D	3.5±0.5	3.23	3.30	3.27	3.25	3.28					
	E	5.0±0.5	4.98	4.93	4.95	4.96	4.99					
	F	6.8±0.5	6.79	6.80	6.79	6.75	6.76					
	G	0.5*0.5±0.1	0.52	0.51	0.53	0.53	0.52					
TRUNS			OK	OK	OK	OK	OK					

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