



ACME Electronics Corporation
越峰電子材料股份有限公司

客户
CUSTOMER

PLATAN

日期
DATE 2024/6/28

认 可 书
SPECIFICATION FOR APPROVAL

客户品名 CUSTOMER P/N	EFD30
越峰品名 ACME P/N	AMATR24501BX
版本号 SREV. NO.	0



为保证订单顺利完成，请在一个月内签回。否则，将默认贵司同意依此份认可书内容制作您所有此规格的订单产品。

In order to ensure the leadtime for your order, pls confirm and sign this spec for ACME within one month while you received it. Or else, it means that you have approved this spec, and you have agreed with that ferrite cores from your order be produced according to this spec.

客户认可 APPROVED BY：

如有客户品码（料号），请填写在下
客户品码（料号）：
CUSTOMER P/N

厂别 Factory

- ☐ 总公司：台北市内湖区基湖路39号8楼B室
Head Office: 8th Floor, No.39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
Tel: +886-2-2798-0337 Fax: +886-2-2659-9511 E-Mail: sales@acme-ferrite.com.tw
- ☐ 观音厂：台湾省桃园县328观音工业区国建二路2号
No.2, Kuo-Chien 2nd Rd, Kuan-Yin Industrial Distruct, Taoyuan County 328, Taiwan. R.O.C.
Tel: +886-3-483-7238 Fax: +886-3-483-7239
- ☐ 广州厂：越峰电子(广州)有限公司 / 中国广东省广州增城市增江街东区府前东路2号
No.2 Fuqian East Road, Zengjiang Street East Square, Guangzhou-Zengcheng City, Guangdong Province, China.
Tel: +86-20-3285-1888 Fax: +86-20-3285-1666
- ☒ 昆山厂：越峰电子(昆山)有限公司 / 中国江苏省昆山市黄浦江北路533号
No.533, Huangpujiang North Rd., Kunshan City
Tel: +86-512-5793-2888 Fax: +86-512-5766-4667

批准	审核	拟制
APPROVED BY	CHECKED BY	PREPARED BY
Jeff	Jeff	Jackson

申請單號：



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历史变更记录

REVISION RECORDS LIST

客户 CUSTOMER:	PLATAN	CUSTOMER P/N	EFD30
		ACME P/N	AMATR24501BX

更改记录 REVISION RECORD:

版本号 REV. NO.	更改内容及原因 CONTENTS AND REASONS	日期 DATE OF APPROVAL	担当 DRAWN
0	NEW SPEC	2024/6/28	Jeff Liu



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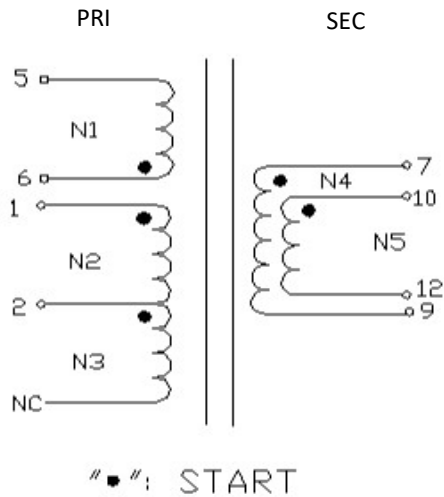


1. 绕线数据表 Winding Data

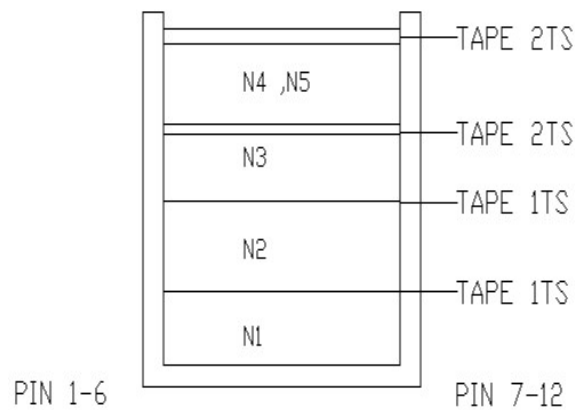
绕组编号 Coil No.	开始 Start	结束 Finish	圈数 Turns	绕线方向 Direction	漆包线 Wire	胶带圈数 Tape Turns	挡墙胶带 Margin Tape		起線套管 Tube	收線套管 Tube
							TOP	PIN		
N1	6	5	39	Closed	2UEW/F Ø0.30*2P	MYLAR TAPE 21.0mm*1Ts				
N2	1	2	6	Sparsed	2UEW/F Ø0.30*1P	MYLAR TAPE 21.0mm*1Ts				
N3	2	NC	55	Closed	2UEW/F Ø0.30*1P	MYLAR TAPE 21.0mm*2Ts				
N4	7	9	4	Same layer winding	2UEW/F Ø0.30*4P (Gold)	MYLAR TAPE 21.0mm*2Ts				
N5	10	12	4		2UEW/F Ø0.30*4P (Red)					

2. 原理及绕线图 Circuit Diagram

SCHEMATIC



WINDING CONSTRUCTION



CUSTOMER P/N

EFD30

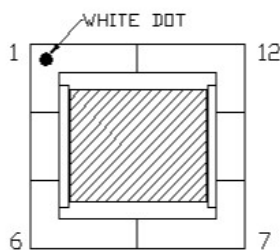
ACME P/N

AMATR24501BX

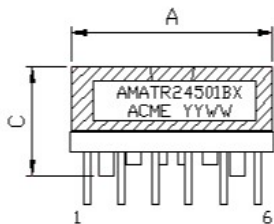
版本号REV: 0



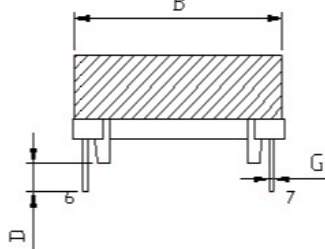
3.外形尺寸Outer Dimension(mm)



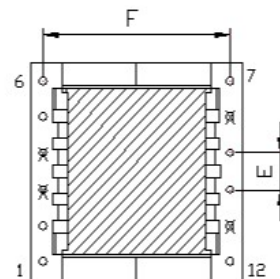
Top view



Front view



Side view

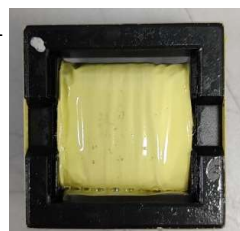


Bottom view

Note :

- 1.PIN3,4,8,11 Removed;
- 2.PIN surface solder bright and no oxidation
- 3.Core fixing tape 2 rounds
- 4.The transformer needs to be dipping varnish and baked
- 5.Pin 1 make white dot

PIN1



Product picture

4.电气性能测试Electrical test

项目Item	L (6-5)	LK (6-5) short other pin	DCR (6-5)	DCR (1-2)	DCR (7-9)	DCR (10-12)	HI-POT Pri-Sec	HI-POT Pri-pri	HI-POT Coil- Core	I.R Coil-Coil Coil-Core
规格Specification	660UH	23.5UH	300.0mΩ	110.0mΩ	21.0mΩ	21.0mΩ	AC2.5KV/ 5mA/ 1sec	AC1.5KV/5 mA/ 1sec	AC1.5KV /5mA/ 1sec	DC500V/ 100MΩ /MIN
公差Tolerance	±10%	Max	Max	Max	Max	Max				
测试条件Test Condition	10KHz/0.1V	10KHz/0.1V	T=25°C	T=25°C	T=25°C	T=25°C				
样品1Sample1	657.00	15.50	250.60	90.95	16.58	17.53	PASS	PASS	PASS	PASS
样品2Sample2	660.00	14.50	248.50	91.68	16.98	17.40	PASS	PASS	PASS	PASS
样品3Sample3	657.00	16.10	250.00	91.85	17.08	17.86	PASS	PASS	PASS	PASS
样品4Sample4	651.00	17.30	249.30	91.83	17.06	17.46	PASS	PASS	PASS	PASS
样品5Sample5	653.00	15.30	250.60	91.95	16.81	16.98	PASS	PASS	PASS	PASS
样品最小值Min	651.00	14.50	248.50	90.95	16.58	16.98				
样品最大值Max	660.00	17.30	250.60	91.95	17.08	17.86				
Range R差	9.00	2.80	2.10	1.00	0.50	0.88				
样品平均值Average	655.60	15.74	249.80	91.65	16.90	17.45				

5.机械尺寸测试Mechanical test (单位Unit:mm)

项目Item	A	B	C	D	E		F	G			
规格Specification	32.0	32.5	16.0	3.5	5.0		27.5	0.8			
公差Tolerance	MAX	MAX	MAX	±0.5	±0.3		±0.5	±0.1			
样品1Sample1	30.49	31.24	14.69	3.60	4.95		27.63	0.83			
样品2Sample2	30.37	31.23	14.66	3.58	4.99		27.65	0.81			
样品3Sample3	30.50	31.24	14.67	3.49	4.96		27.66	0.80			
样品4Sample4	30.61	31.24	14.68	3.52	4.93		27.53	0.80			
样品5Sample5	30.39	31.23	14.66	3.52	4.91		27.66	0.82			
样品最小值Min	30.37	31.23	14.66	3.49	4.91		27.53	0.80			
样品最大值Max	30.61	31.24	14.69	3.60	4.99		27.66	0.83			
Range R差	0.24	0.01	0.03	0.11	0.08		0.13	0.03			
样品平均值Average	30.47	31.24	14.67	3.54	4.95		27.63	0.81			

PIN拉力PIN tension load : > 1.0kg

工作温度Operating temperature : -25°C ~ 85°C

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6.材料明细Material Data

材料 Material	描述 Description	温度 Temperature	材质 Material	材料供应商 material supplier	UL No.
Core	Mn-Zn EFD30A/30.6	N/A	P47	ACME Electronics Corporation	N/A
Wire	UEW	155°C	F	HENG YA ELECTRONIC LIMITED OR EQUIVALENT	E245514
Solder	Sn-Cu0.7	N/A		YUNNAN TIN COMPANY.LTD OR EQUIVALENT	N/A
Bobbin	T375HF	150°C		CHANG CHUN PLASTICS CO LTD OR EQUIVALENT	E59481
Mylar Tape	WF	130°C	280	JINGJIANG YAHUA PRESSURE SENSITIVEGLUE CO.,LTD OR EQUIVALENT	E165111
Varnish	DA-700	130°C		HUI ZHOU QIANG DA ELECTRONICS INDUSTRY CO LTD OR EQUIVALENT	E347463

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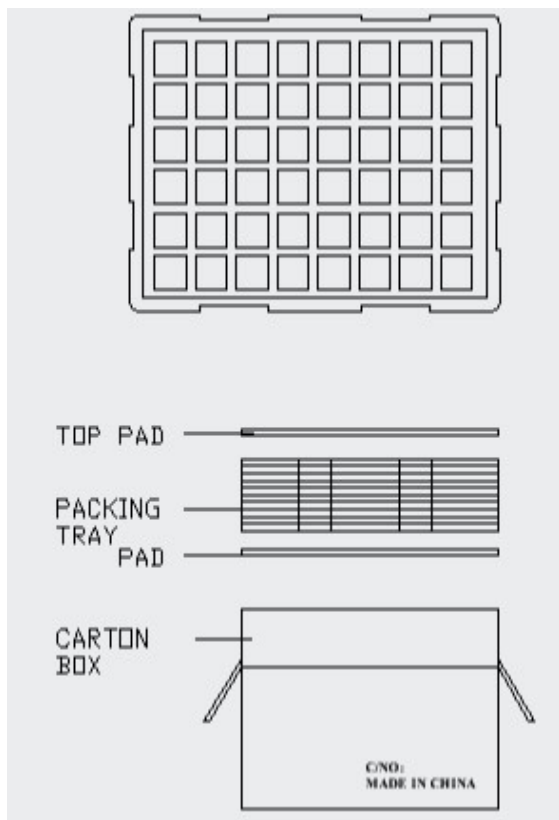
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7.包装方式Packaging



Note :

Cardboard (pad) Dimension:400×300mm

Blister packing Tary : 410×310×21mm

One packing Tray : 48pcs

Total Pack Quantity : 48pcs*10=480 pcs

8.包装Packaging

Outer Carton Box Dimension: 420mm*320mm*225mm

Pack Weight: G.W 16.8 kg (31.90 g/pcs)

9. 标签 Marking

P/O:	
PART NO:	
DESCRIPTION:	
QUANTITY:	
D/C:	
CHECK:	
ACME Electronics Corporation	

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