



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

客户
CUSTOMER

PLATAN(Orion)

日期
DATE 2024/10/21

认 可 书
SPECIFICATION FOR APPROVAL

客户品名 CUSTOMER P/N	EC2820
越峰品名 ACME P/N	AMATR24211BX-W
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.
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- ☒ 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
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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(Orion)	CUSTOMER P/N	EC2820
		ACME P/N	AMATR24211BX-W

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	2024/10/21	Evan wang



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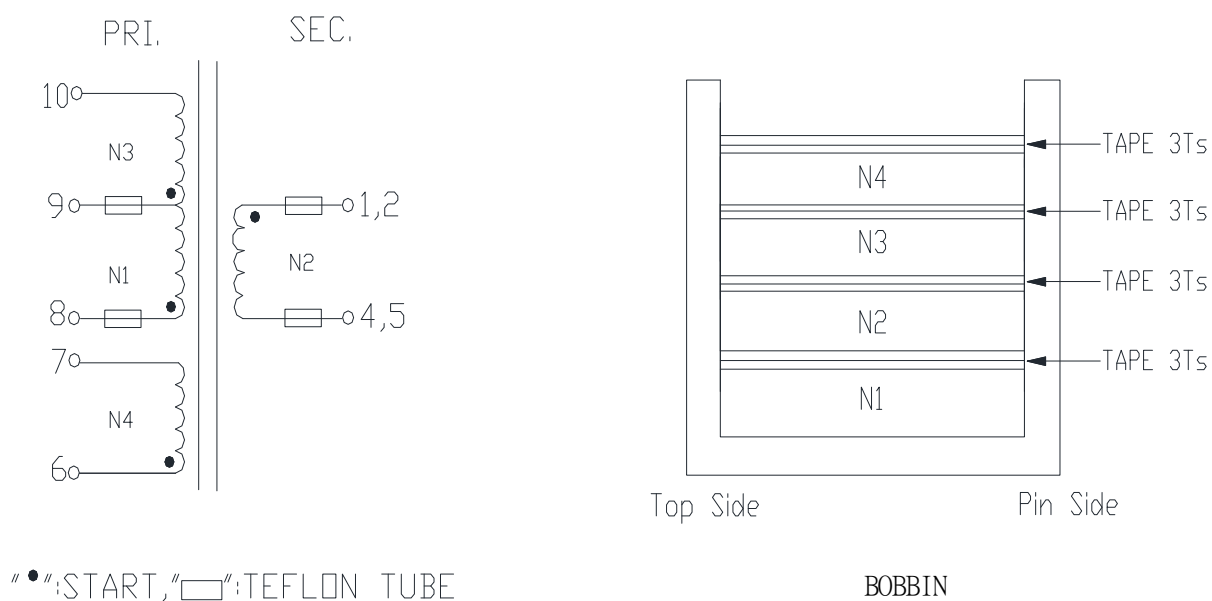


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1. 绕线数据表 Winding Data

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	8	9	23	Closed	2UEW/F Ø0.35*2P	blue mylar tape 10.0mm*3Ts			21L*15mm	21L*15mm
N2	1,2	4,5	6	Closed	2UEW/F Ø0.65*2P	blue mylar tape 10.0mm*3Ts			15L*15mm	15L*15mm
N3	9	10	22	Closed	2UEW/F Ø0.35*2P	blue mylar tape 10.0mm*3Ts				
N4	6	7	6	Sparsed	2UEW/F Ø0.35*2P	blue mylar tape 10.0mm*3Ts				

2. 原理及绕线图 Circuit Diagram



Note :

1. The welding point should not be false welding, empty welding .
- 2.The PIN is shiny .
3. The lead wire of Pin7 is in the auxliliary slot

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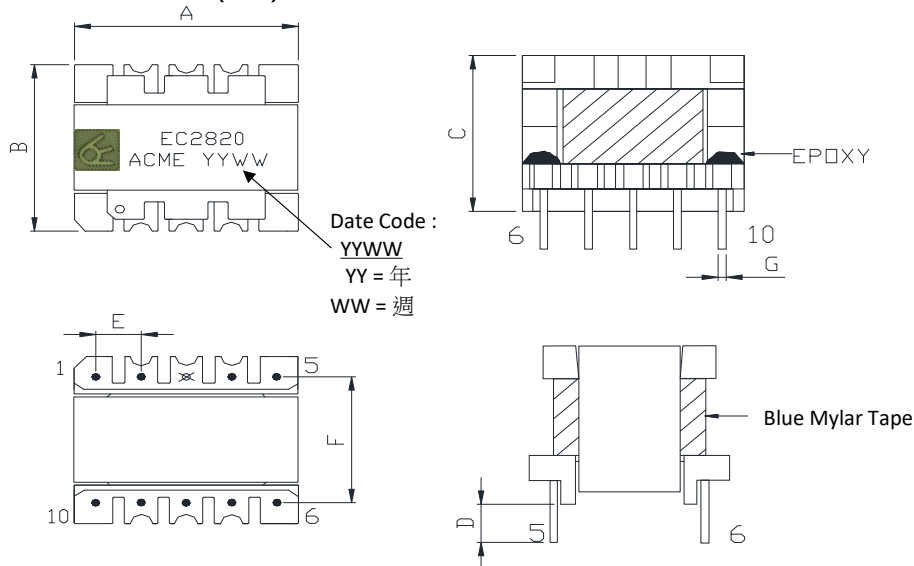
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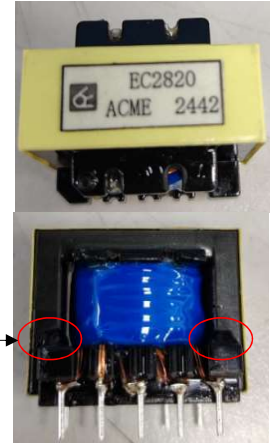
3.外形尺寸Outer Dimension(mm)



備註 :

1. PIN 3 removed
2. Coil tape is blue mylar tape
3. Core fixing yellow mylar tape 3 rounds
4. The product needs to be varnish
5. The GAP Core is placed at the top.
6. PIN6-10 side core and bobbin joint two points of fixing glue
7. Pin1 and Pin2 are connected, Pin4 and Pin5 are connected.

Epoxy



PRODUCT PHOTO

4.电气性能测试Electrical test

项目Item	L (8-10)	LK (8-10) Short other all Pin	DCR (8-10)	DCR (6-7)	DCR (1,2-4,5)	T(6-7)	T(1,2-4,5)		HI-POT Pri-Sec	HI-POT Pri-Pri	HI-POT Coil- Core
规格Specification	440uH	5.20uH	245mΩ	45mΩ	10.3mΩ	6Ts	6Ts		AC2.0KV	AC1.5KV	AC1.5KV
公差Tolerance	±8%	Max	Max	Max	Max	±0.5	±0.5		/5mA/ 3sec	/5mA/ 3sec	/5mA/ 3sec
测试条件Test Condition	10KHz/0.1V	100KHz/0.1V	T=25°C	T=25°C	T=25°C	Turns Ratio @20KHz/1.0V Input Pin (8-10) : 25Ts					
样品1Sample1	433.00	4.10	190.70	34.10	8.12	6.00	5.99		PASS	PASS	PASS
样品2Sample2	445.30	4.10	190.70	33.70	8.29	6.00	5.98		PASS	PASS	PASS
样品3Sample3	445.10	4.10	190.60	33.40	8.19	6.00	6.00		PASS	PASS	PASS
样品4Sample4	435.70	4.10	192.10	33.70	8.39	5.99	5.99		PASS	PASS	PASS
样品5Sample5	442.10	4.10	191.20	33.30	8.33	6.00	5.99		PASS	PASS	PASS
样品最小值Min	433.00	4.10	190.60	33.30	8.12	5.99	5.98				
样品最大值Max	445.30	4.10	192.10	34.10	8.39	6.00	6.00				
Range R差	12.30	0.00	1.50	0.80	0.27	0.01	0.02				
样品平均值Average	440.24	4.10	191.06	33.64	8.26	6.00	5.99				

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	30.5mm	23.0mm	23.5mm	3.5mm	5.0mm	17.8mm	0.80mm				
公差Tolerance	MAX	MAX	MAX	±0.5	±0.5	±0.5	±0.1				
样品1Sample1	29.08	22.13	22.83	3.61	5.00	17.87	0.79				
样品2Sample2	29.18	22.07	22.86	3.64	4.99	17.78	0.79				
样品3Sample3	29.09	22.12	22.90	3.65	4.98	17.90	0.79				
样品4Sample4	29.08	22.26	23.02	3.65	4.99	17.89	0.79				
样品5Sample5	29.12	22.08	22.78	3.65	4.99	17.74	0.79				
样品最小值Min	29.08	22.07	22.78	3.61	4.98	17.74	0.79				
样品最大值Max	29.18	22.26	23.02	3.65	5.00	17.90	0.79				
Range R差	0.10	0.19	0.24	0.04	0.02	0.16	0.00				
样品平均值Average	29.11	22.13	22.88	3.64	4.99	17.84	0.79				

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 ER2820	N/A	P4	ACME Electronics Corporation OR EQUIVALENT	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
Epoxy	HF QDJ600 (W)	130°C		HUI ZHOU QIANGDA ELECTRONIC INDUSTRY CO.,LTD OR EQUIVALENT	E351561
Tube	Teflon	200°C	TFL	FLUO-TECH INDUSTRIAL CO LTD OR EQUIVALENT	E175982
Varnish	DA-700	130°C		HUI ZHOU QIANG DA ELECTRONICS INDUSTRY CO LTD OR EQUIVALENT	E347463

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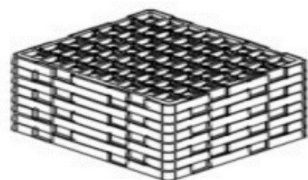
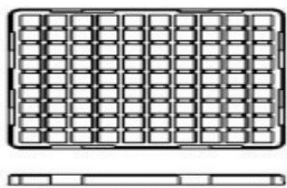
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7. 包装方式Packaging



NOTE :

Cardboard Dimension: 270×235mm

Packing Tray : 280×245×30mm

One packing Tray : 49 pcs

Pack Quantity : 49pcs*7=343 pcs

NOTE:

1. Each blister boxed product will be placed in the blister, Each grid will be placed in 1pcs, A total 49pcs stacked with 8 layers
The upper and lower cover partitions, And wrapped into a thread with tape
2. Wrap it with tape, put it in the outer box, and paste the outer box label on the outside of the outer box, The label must have a production date
3. QA inspection report is attached when shipping. °

Packaging:

Outer Dimension: 310mm*275mm*230mm

Pack Weight: G.W 12.3 kg (32.4g/pcs)

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