



ACME Electronics Corporation

越峰電子材料股份有限公司

客户

CUSTOMER

PLATAN(Bazis)

日期

DATE

2025/5/22

认 可 书

SPECIFICATION FOR APPROVAL

客 户 品 名 CUSTOMER P/N	PQ3220-125-1050
越峰品名 ACME P/N	AMATR25014BX-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 2 nd 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
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批准	审核	拟制
APPROVED BY	CHECKED BY	PREPARED BY
Jeff	Jeff	Evan wang

AR01-60106-0

申請單號：



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历史变更记录

REVISION RECORDS LIST

客户 CUSTOMER:	PLATAN(Bazis)	CUSTOMER P/N	PQ3220-125-1050
		ACME P/N	AMATR25014BX-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	2025/5/22	Jeff Liu

申请单号：



ACME Electronics Corporation
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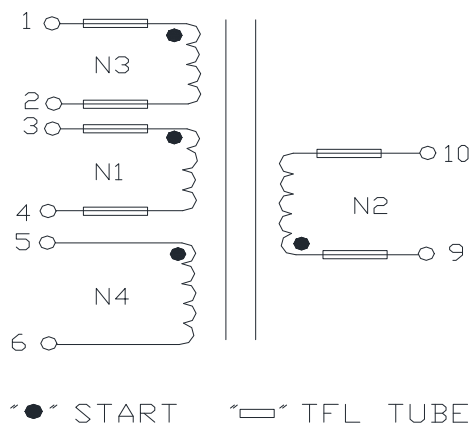
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1. 绕线数据表 Winding Data

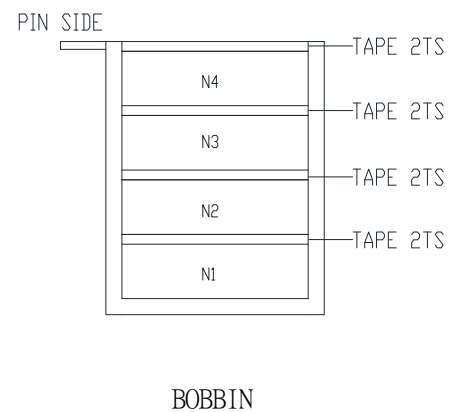
绕组编号 Coil No.	开始 Start	结束 Finish	圈数 Turns	绕线方向 Direction	漆包线 Wire	胶带圈数 Tape Turns	挡墙胶带 Magin Tape		起線套管 Start Tube	收線套管 End Tube
							TOP	PIN		
N1	3	4	17	Closed	LITE WIRE 2UEW/F Ø0.1*30P	Mylar tape 2Ts			15mm	15mm
N2	9	10	28	Closed	LITE WIRE 2UEW/F Ø0.1*40P	Mylar tape 2Ts			15mm	15mm
N3	1	2	17	Closed	LITE WIRE 2UEW/F Ø0.1*30P	Mylar tape 2Ts			15mm	15mm
N4	5	6	4	Sparsed	2UEW/F Ø0.20*1P	Mylar tape 2Ts				

2. 原理及绕线图 Circuit Diagram

SCHEMATIC:



WINDING CONSTRUCTION:



Note :

1. The welding point should not be false welding, empty welding .
- 2.The PIN is shiny .

CUSTOMER P/N

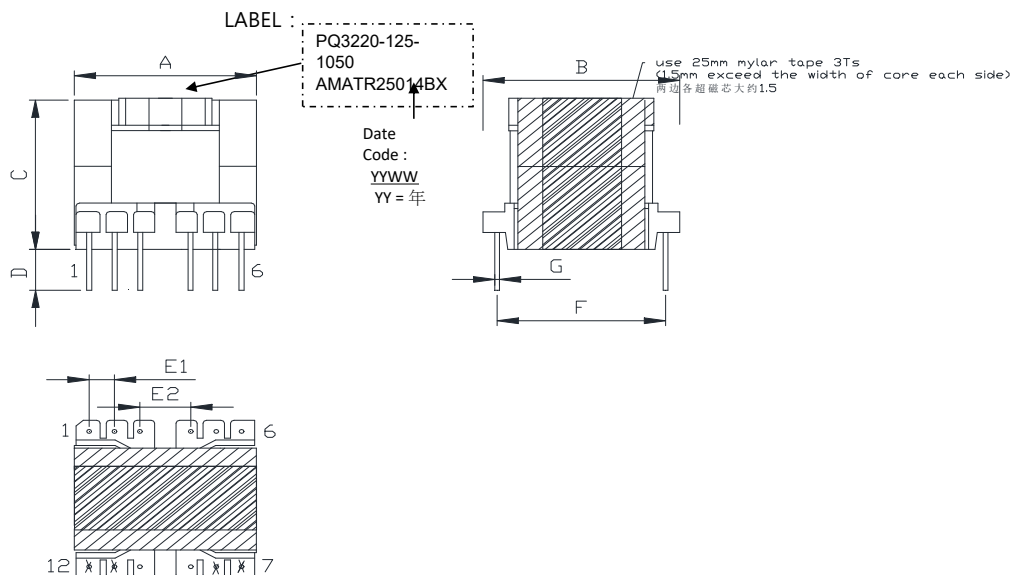
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3.外形尺寸Outer Dimension(mm)



備註 :

- 1.PIN 7,8,11,12 removed;
- 2.Core fixing mylar tape 13mm*2 Ts, core outer mylar tape 25mm*3Ts.
- 3.The product needs to be varnish
- 4.The GAP Core is placed at Pin side.
- 5.Soldering point can not exceed the bobbin salient point.
6. label size ; 13*25mm

4.电气性能测试Electrical test

項目Item	L (1-4) (shorted2,3)		DCR (1-4) (shorted2,3)	DCR (5-6)	DCR (9-10)	T(5-6)	T(9-10)		HI-POT Pri-Sec	HI-POT coil-core	
規格Specification	300uH		0.20Ω	0.20Ω	0.12Ω	4Ts	28Ts				
公差Tolerance	±5%		Max	Max	Max	±0.5	±0.5		AC1.5KV /3mA/ 2sec	AC1.0KV /5mA/ 2sec	
測試條件Test Condition	100KHz/0.4V		T=25°C	T=25°C	T=25°C	Turns Ratio @20KHz/1.0V Input Pin (1-4) : 34Ts					
樣品1Sample1	302.30		169.00	190.00	94.00	PASS	PASS		PASS	PASS	
樣品2Sample2	304.70		168.00	190.00	96.00	PASS	PASS		PASS	PASS	
樣品3Sample3	303.50		168.00	190.00	96.00	PASS	PASS		PASS	PASS	
樣品4Sample4	305.10		168.00	190.00	94.00	PASS	PASS		PASS	PASS	
樣品5Sample5	308.50		168.00	190.00	94.00	PASS	PASS		PASS	PASS	
樣品最小值Min	302.30		168.00	190.00	94.00						
樣品最大值Max	308.50		169.00	190.00	96.00						
Range R差	6.20		1.00	0.00	2.00						
樣品平均值Average	304.82		168.20	190.00	94.80						

5.机械尺寸测试Mechanical test (单位Unit:mm)

項目Item	A	B	C	D	E1	E2	F	G			
規格Specification	35.0mm	35.0mm	23.0mm	4.0mm	5.0mm	7.4mm	30.0mm	0.80mm			
公差Tolerance	MAX	MAX	MAX	±1.0	±0.5	±0.5	±0.5	±0.1			
樣品1Sample1	32.80	34.40	22.12	3.86	4.99	7.28	30.08	0.80			
樣品2Sample2	32.62	34.19	22.11	3.88	4.98	7.29	30.11	0.80			
樣品3Sample3	32.71	34.21	22.13	3.96	4.99	7.38	30.29	0.80			
樣品4Sample4	32.71	34.33	22.20	3.95	4.95	7.40	30.18	0.80			
樣品5Sample5	32.55	34.17	22.17	3.88	4.96	7.36	30.18	0.80			
樣品最小值Min	32.55	34.17	22.11	3.86	4.95	7.28	30.08	0.80			
樣品最大值Max	32.80	34.40	22.20	3.96	4.99	7.40	30.29	0.80			
Range R差	0.25	0.23	0.09	0.10	0.04	0.12	0.21	0.00			
樣品平均值Average	32.68	34.26	22.15	3.91	4.97	7.34	30.17	0.80			

PIN拉力PIN tension load : > 1.0kg

工作溫度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 PQ32/21.36	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	PHENOLIC	150°C		CHANG CHUN PLASTICS CO LTD OR EQUIVALENT	E59481
Mylar Tape	WF	130°C		JINGJIANG YAHUA PRESSURE SENSITIVEGLUE CO.,LTD OR EQUIVALENT	E165111
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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