

申请单号：



ACME Electronics Corporation

越峰電子材料股份有限公司

客户

CUSTOMER

PLATAN(Orion)

日期

DATE

2024/5/16

认 可 书

SPECIFICATION FOR APPROVAL

客 户 品 名 CUSTOMER P/N	TIO60-V2
越峰品名 ACME P/N	AMATR24088BX-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 District, Taoyuan County 328, Taiwan, R.O.C.

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☐ 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

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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

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

AR01-60106-0

申請單號：



ACME Electronics Corporation

越峰電子材料股份有限公司

历史变更记录

REVISION RECORDS LIST

客户 CUSTOMER:	PLATAN(Orion)	CUSTOMER P/N	TIO60-V2
		ACME P/N	AMATR24088BX-W

更改记录 REVISION RECORD:

版本号 REV. NO. 0	更改内容及原因 CONTENTS AND REASONS NEW SPEC	日期 DATE OF APPROVAL 2024/5/16	担当 DRAWN Evan wang
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ACME Electronics Corporation

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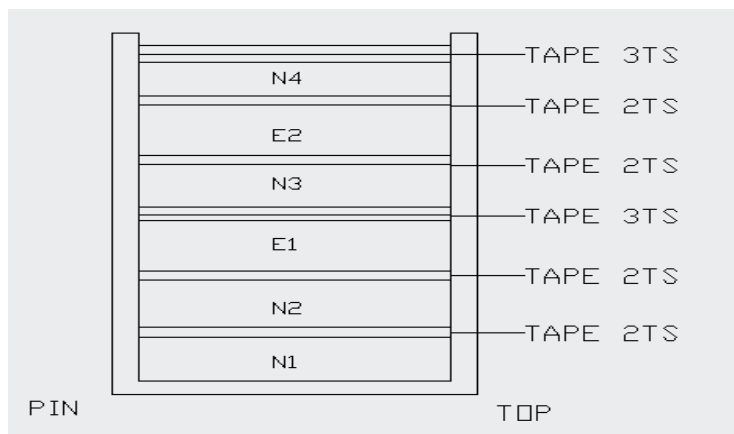
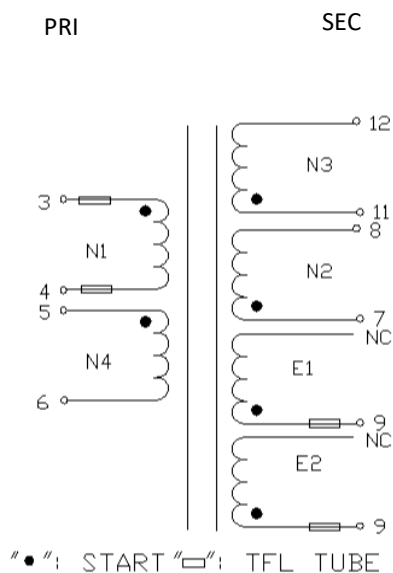
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1. 绕线数据表 Winding Data

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 Margin Tape		起線套管 Tube	收線套管 Tube
							TOP	PIN		
N1	3	4	50	Closed	2UEW/F Ø0.45*1P	17.0mm*2Ts			26# L=15mm	26# L=15mm
N2	7	8	10	Sparsed	2UEW/F Ø0.25*1P	17.0mm*2Ts				
E1	9	NC	31	Middle closed	2UEW/F Ø0.25*1P	17.0mm*3Ts			30# L=20mm	
N3	11	12	10	Closed	2UEW/F Ø0.80*2P	17.0mm*2Ts				
E2	9	NC	31	Middle closed	2UEW/F Ø0.25*1P	17.0mm*2Ts			30# L=20mm	
N4	5	6	50	Closed	2UEW/F Ø0.45*1P	17.0mm*3Ts				

2. 原理及绕线图 Circuit Diagram



BOBBIN

CUSTOMER P/N

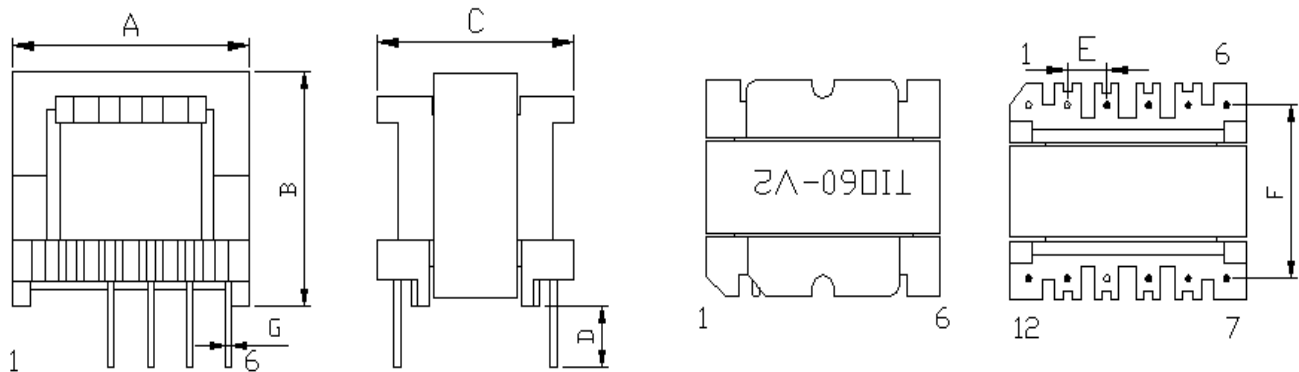
TIO60-V2

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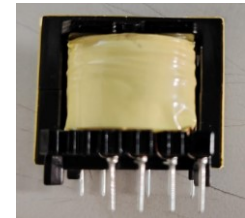
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3.外形尺寸Outer Dimension(mm)



NOTE

- 1.PIN 1,2,10 removed .
- 2.Core fixing tape 2 rounds
3. The product needs to be varnish .
- 5.The PIN is shiny .



PRODUCT PHOTO

4.电气性能测试Electrical test

项目Item	L (3-4)	C值	DCR (3-4)	DCR (5-6)	DCR (7-8)	DCR (11-12)	T(5-6)	T(7-8)	T(11-12)	HI-POT P-S	HI-POT Pri-Pri Sec-Sec Coil-Core	I.R Coil-Core Coil-Coil
规格Specification	460uH	100.0PF	0.350Ω	450.0mΩ	250.0mΩ	15.0mΩ	50.0T	10.0T	10.0T			
公差Tolerance	+/-10%	MIN	Max	MAX	MAX	MAX	±0.5	±0.5	±0.5	AC3.0KV/5 mA/ 1sec	AC1.5KV /5mA/ 1sec	DC500V/ 100MΩ /MIN
测试条件Test Condition	1KHz/1.0 Vac	Pin(11.12- 9)	T=25°C	T=25°C	T=25°C	T=25°C	Turns Ratio @20KHz/1.0V Input Pin (3-4) : 50T					
样品1Sample1	465.00	140.40	319.00	431.00	229.00	13.77	49.89	9.95	10.01	PASS	PASS	PASS
样品2Sample2	464.60	152.20	321.00	432.00	227.00	13.86	49.98	9.95	10.01	PASS	PASS	PASS
样品3Sample3	470.70	143.20	320.00	431.00	228.00	13.69	49.97	9.94	10.01	PASS	PASS	PASS
样品4Sample4	462.90	138.40	320.00	433.00	227.00	13.68	49.97	9.97	10.02	PASS	PASS	PASS
样品5Sample5	464.10	134.20	317.00	429.00	227.00	13.60	49.76	9.93	9.98	PASS	PASS	PASS
样品最小值Min	462.90	134.20	317.00	429.00	227.00	13.60	49.76	9.93	9.98			
样品最大值Max	470.70	152.20	321.00	433.00	229.00	13.86	49.98	9.97	10.02			
Range R差	7.80	18.00	4.00	4.00	2.00	0.26	0.22	0.04	0.04			
样品平均值Average	465.46	141.68	319.40	431.20	227.60	13.72	49.91	9.95	10.01			

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	35.5mm	33.0mm	29.5mm	4.0mm	5.0mm	22.5mm	0.8mm					
公差Tolerance	MAX	MAX	MAX	±0.5	±0.5	±0.5	±0.1					
样品1Sample1	33.38	30.87	28.41	4.05	4.91	22.44	0.80					
样品2Sample2	33.45	30.80	28.58	4.02	5.03	22.50	0.80					
样品3Sample3	33.47	30.72	28.55	4.01	4.87	22.50	0.80					
样品4Sample4	33.41	30.82	28.50	4.03	4.83	22.59	0.80					
样品5Sample5	33.35	30.84	28.37	4.05	5.06	22.50	0.80					
样品最小值Min	33.35	30.72	28.37	4.01	4.83	22.44	0.80					
样品最大值Max	33.47	30.87	28.58	4.05	5.06	22.59	0.80					
Range R差	0.12	0.15	0.21	0.04	0.23	0.15	0.00					
样品平均值Average	33.41	30.81	28.48	4.03	4.94	22.51	0.80					

PIN拉力PIN tension load : : 1.0kg

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

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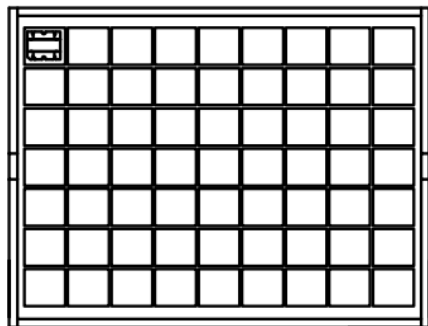


材料 Material	描述 Description	温度 Temperature	材质 Material	材料供应商 material supplier	UL No.
Core	Mn-Zn EE33	N/A	P4	ACME Electronics Corporation	N/A
Wire	UEW	155°C	F	HENG YA ELECTRONIC LIMITED OR EQUIVALENT	E245514
Solder	Sn-Cu0.7	N/A		YUNNAN TIN COMPANY.LTD OR EQUIVALENT	N/A
Bobbin	T375HF	150°C		CHANG CHUN PLASTICS CO LTD OR EQUIVALENT	E59481
Mylar Tape	WF	130°C	280	JINGJIANG YAHUA PRESSURE SENSITIVEGLUE CO.,LTD OR EQUIVALENT	E165111
TFL TUBE	CB-TT-S	130°C		CHANGYUAN ELECTRONIC MATERIAL CO.,LTD OR EQUIVALENT	E180908
Varnish	DA-700-3	130°C		HUI ZHOU QIANG DA ELECTRONICS INDUSTRY CO LTD OR EQUIVALENT	E347463

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7. 包装方式Packaging



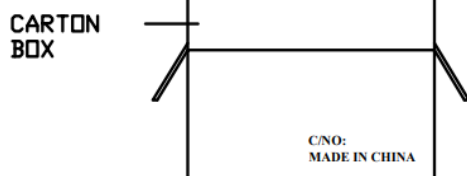
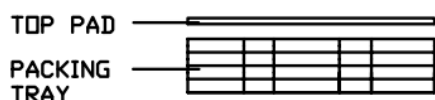
NOTE :

Cardboard Dimension:400×300mm

Packing Tray : 410×310×53mm

One packing Tray : 63 pcs

Pack Quantity : 63pcs*4=252 pcs



NOTE:

1. EACH BLISTER BOXED PRODUCT WILL BE PLACED IN THE BLISTER, EACH GRID WILL BE PLACED IN 1PCS, A TOTAL 63PCS STACKED WITH 4 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 °
3. QA inspection report is attached when shipping. °

Packaging

Outer Dimension: 420mm*320mm*225mm

Pack Weight: G.W 18.0 kg (65.8g/pcs)

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