



SPECIFICATION FOR APPROVAL

承 认 书

客户名称 (CUSTOMER) 华秋

品名规格 (ITEM SPECS) EE16-302

客户料号 (CUS.PART.NO) EE16-05-20

众凯料号 (ZK SKU.NO) ZKH1531EE16-16771

日期 (DATE) 2024/5/18

APPROVED BY	CHECKED BY	INSPECTED BY

如蒙承认，请予签回

东 莞 市 众 凯 电 子 有 限 公 司

DONGGUAN ZHONGKAI ELECTRONICS CO., LTD

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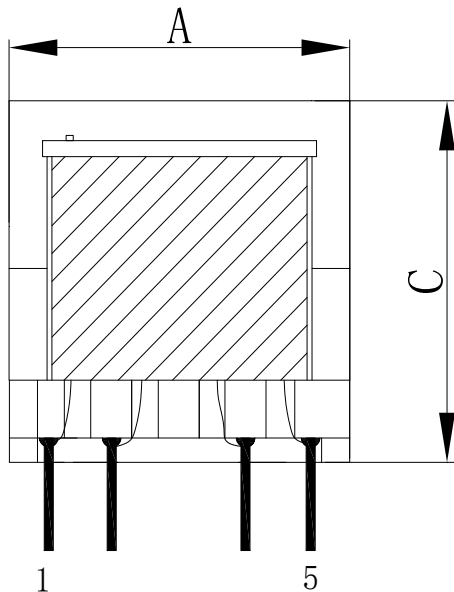
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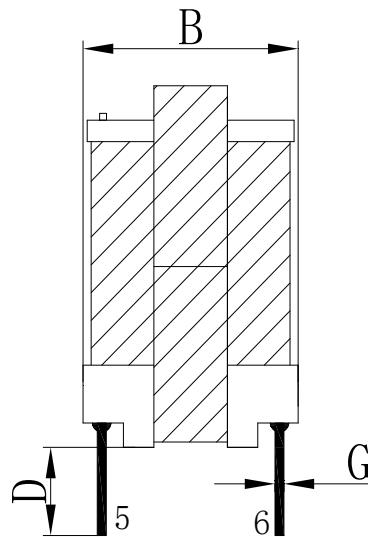
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客户名称 CUSTOMER	华秋	客户料号 CUS. PART. No.	EE16-05-20	版次 REV: A
				数量 Q' TY: 4PCS
品名规格 ITEM SPECS	EE16-302	众凯料号 ZK SKU. No.	ZKH1531EE16-16771	R. H. 65% TEMP: 25°C

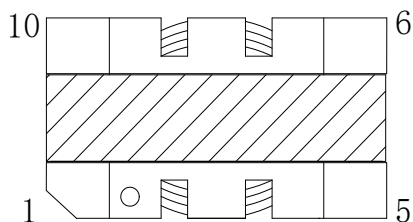
1. 外观尺寸 DIMENSIONS (UNIT: mm)



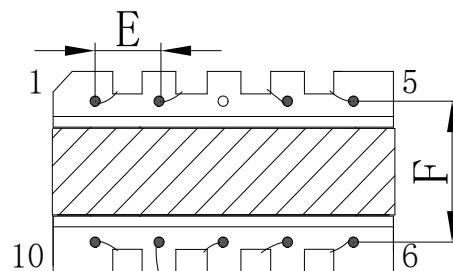
正视图
FRONT VIEW



侧视图
SIDE VIEW



顶视图
TOP VIEW



底视图
BOTTOM VIEW

A	18.0MAX	E	3.25±0.5	I		N		
B	15.0MAX	F	10.5±0.5	J		O		
C	17.0MAX	G	0.6±0.1	K		P		
D	4.0±0.5	H		M		Q		
拟定 (DRAFT BY)		制作 (MADE BY)		审核 (CHECKED BY)		批准 (APPROVED BY)		
严小桂2024/5/18								



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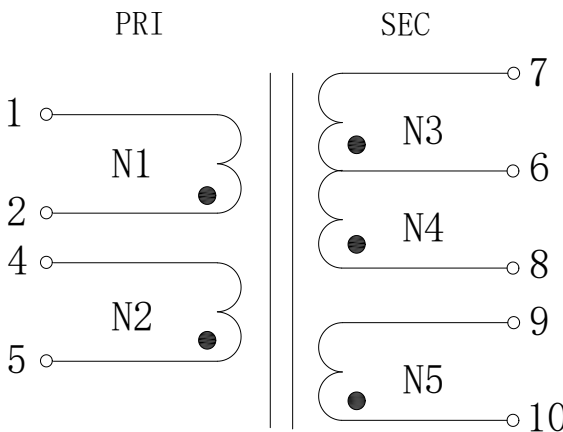
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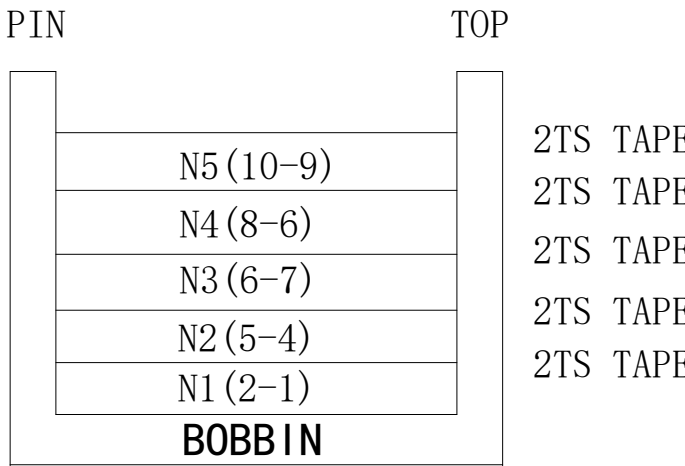
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2. 原理图 (Schematic Diagram)



3. 绕线层次图 (Winding Layer Diagram)



4. 绕线结构表 (Winding Structure Diagram)

绕组	S-F		WIRE	TURNS	WINDING MOTHED	TAPE TURNS	TFL TUBE-L型		ACT	
	S	F					S	F	PIN	TOP
N1	2	1	φ0.15*1P 2UEW-F	145TS	密绕	9.0W*0.025t*2TS	/	/	/	/
N2	5	4	φ0.15*1P 2UEW-F	24TS	疏绕	9.0W*0.025t*2TS	/	/	/	/
N3	6	7	φ0.45*1P TIW-B	8TS	疏绕	9.0W*0.025t*2TS	/	/	/	/
N4	8	6	φ0.3*1P 2UEW-F	12TS	疏绕	9.0W*0.025t*2TS	/	/	/	/
N5	10	9	φ0.23*1P 2UEW-F	30TS	密绕	9.0W*0.025t*2TS	/	/	/	/

CORE TAPE

4.5W*0.025t*3TS

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5. 注意说明 (Remark)

- PIN朝外顺绕。
- 研磨磁芯装顶部。
- 产品需真空含浸。

6. 电气特性 (Electrical Characteristics)

序号 Ref. No.	测试项目 Test Item	测试脚位 Test Pin	规格要求 SPEC. Request	测试条件 Test Condition
①	Inductance (L)	L (2-1)	3.0mH ± 10%	ECH1062 AT10KHZ 0.1V
②	耐压 (HI-POT)	P-S	AC1.0KV/5mA/3S	CS2672D
		P, S-CORE	AC0.5KV/5mA/3S	

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7. 物料清单 (Material List)

序号 Ref. No	物料名称 Name	规格描述 Spec.	等级 Class	厂商 Supplier	UL. NO
①	BOBBIN	T375HF	94V-0	CHANG CHUN PLASTICS CO., LTD	E59481
②	CORE	NH2C	/	ZHEJIANG HAINING LIANFENG MAGNET INDUSTRY . , LTD. (OR EQUAL)	/
③	WIRE	TYA1-U155	155°C	HENG YA ELECTRIC (DONGGUAN) LTD (OR Equal)	E197768
		UEF1/U		PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO., LTD (OR Equal)	E201757
		TRW(B)*	130°C	GREAT LEOFLON INDUSTRIAL CO LTD (OR EQUAL)	E211989
④	TAPE	CT*(c) (g)	130°C	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD (OR EQUAL)	E165111
⑤	SOLDER	Sn99. 3Cu0. 7	/	GUANGZHOU CHINA-UKRAINE WELDING MATERIALS TECHNOLOGY CO., LTD	/
⑥	VARNISH	T-4260 (a)	130°C	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD (OR EQUAL)	E228349
⑦					
⑧					

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样品检测表 Test Records

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MEAS.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	L(2-1)			HI-POT
SPEC	18.0MAX	15.0MAX	17.0MAX	4.0±0.5	3.25±0.5	10.5±0.5	0.6±0.1	3.0mH±10%			P-S AC1.0KV/5mA/3S P, S-CORE AC0.5KV/5mA/3S
S _U	18.00	15.00	17.00	4.50	3.75	11.00	0.70	3.30			
S _C				4.00	3.25	10.50	0.60	3.00			
S _L				3.50	2.75	10.00	0.50	2.70			
1	16.42	13.15	15.45	4.00	3.23	10.48	0.58	2.91			OK
2	16.40	13.19	15.47	3.90	3.20	10.52	0.59	2.93			OK
3	16.45	13.14	15.49	4.10	3.18	10.46	0.59	2.93			OK
4	16.43	13.16	15.46	4.00	3.22	10.49	0.60	2.94			OK
5											
6											
7											
8											
9											
10											
11											
MAX	16.45	13.19	15.49	4.10	3.230	10.520	0.60	2.94			
MIN	16.40	13.14	15.45	3.90	3.180	10.460	0.58	2.91			
AVG	16.425	13.16	15.4675	4	3.2075	10.4875	0.59	2.9275			
T	18	15	17	1	1	1	0.2	0.6			
STD	0.021	0.022	0.017	0.08	0.022	0.025	0.008	0.013			
Ca	1.83	1.75	1.82	0.00	-0.09	-0.02	-0.10	-0.24			
Cp	144.12	115.73	165.9	2.04	7.52	6.67	4.08	7.95			
Cpk	-118.9	-87.34	-136	2.04	6.88	6.50	3.67	6.03			
等级 Class	NG	NG	NG	OK	OK	OK	OK	OK			

仪器条件 (INSTRUMENTS):

INDUCTANCE (L): ECH1062 AT10KHZ 0.1V

Leakage are (LK)

IDC:

R. D. C. METERS:

Q:

HI-POT: CS2672D

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