



产品承认书

SPECIFICATION FOR APPROVAL

客户名称:
CUSTOMER

我司料号:
OUR PART NO.

XRSQ2418-5mH-H-17215

我司品名:
OUR PART NAME

SQ flat wire inductor

送样日期:
DATE SAMPLES

数量:
QUANTITY

0PCS

制造确认 MANUFACTURER APPROVE

拟制 DRAWN	审核 CHECKED	确认 APPROVED
Hufangting	Tangwen	Xieshezhen

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION: SQ2418-5mH Horizontal 17*21.5 Foot Distance 0.55*1.5Line

检查结果: ☐ 合格 ☐ 不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司，本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgement, please put forward or mark it and send it to our company. This acknowledgement will take effect one week after it is provided if you do not receive an objection reply.

东莞市祥如电子有限公司

Dongguan Xiangru Electronics Co., Ltd

Tel: 0769-86346548 Fax: 0769-86346358

Email: dgxiangru@126.com



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CUSTOMER

CUSTOMER 'S PART NO

DESCRIPTION

SQ2418-5mH Horizontal 17*21.5 Foot Distance

OUR DRAWING NO

VER

A

XRSQ2418-5mH-H-17215

A REVISION HISTORY

DATE OF	REVISED PROJECT	EDITION	NOTE
2019/07/22	NEEW VERSION	A	
2025/02/19	REVISION		

PPROVED BY	CHECKED BY	PREPARED BY	UNIT	mm
Hufangting	Tangwen	Xieshizhen	DATE	2025/02/19
			REV NO.	A

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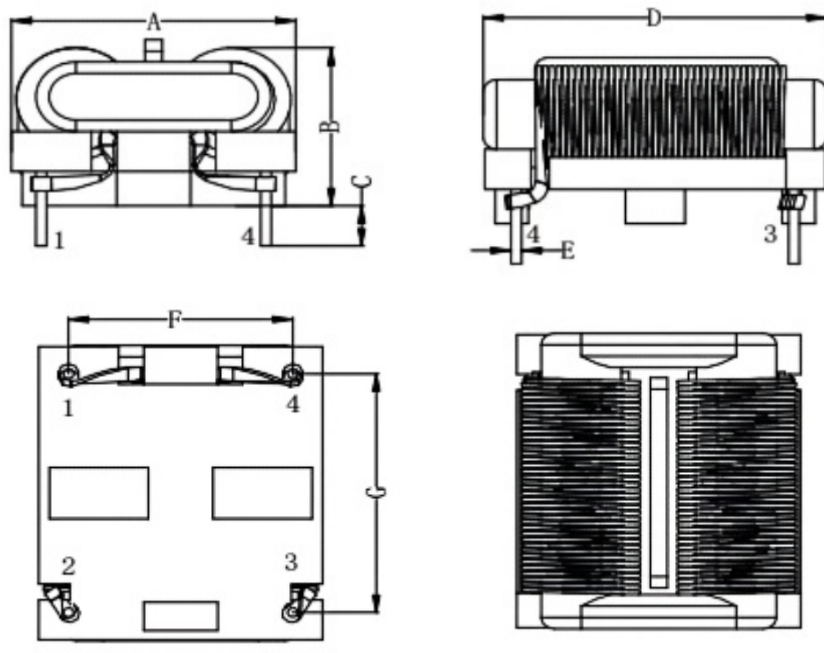
DESCRIPTION

SQ2418-5mH Horizontal 17*21.5 Foot Distance

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XRSQ2418-5mH-H-17215

1. APPEARANCE & DIMENSION (UNIT: mm):



A	B	C	D	E	F	G
24MAX	16MAX	3.5MAX	27REF	0.8±0.1	17±0.5	21.5±0.5

NOTE:

- 产品共模绕制。Common mode winding of products
- 产品需含浸凡立水固定。The product needs to be fixed by soaking in water.
- 焊点不可高于底座支点。The solder joint shall not be higher than the base fulcrum.

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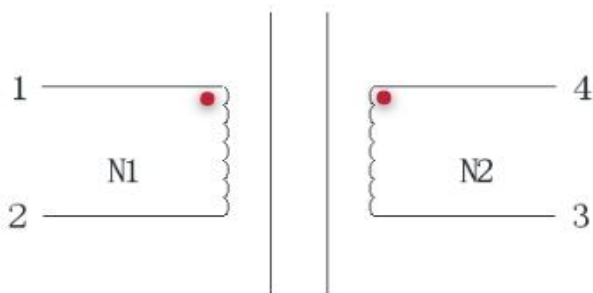


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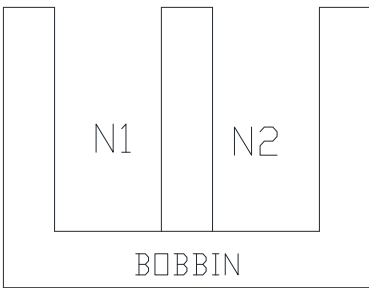
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CUSTOMER 'S PART NO _____ VER _____ A
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2. SCHEMATIC:



3. WINDING SEQUENCE:



4. WINDING TABLE

ORDER	WIRE SIZE	START	END	TURNS	LAYER	INSULATION	
N1	0.55t×1.5mm UEWH 扁平线	1	2	29TS (REF)	CLOSE		
N2	0.55t×1.5mm UEWH 扁平线	4	3	29TS (REF)	CLOSE		

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5. ELECTRICAL CHARACTERISTICS:

TEST CONDITION:		TEMPERATURE AT: $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ WORKING TEMPERATURE: $-25^{\circ}\text{C} / +125^{\circ}\text{C}$ STORAGE TEMPERATURE: $-25^{\circ}\text{C} / +40^{\circ}\text{C}$ HUMIDITY: AT 45-80% RH	
TEST INSTRUMENT	CHENHWA/1062	CHENHWA/1062	CHENHWA/502A
ITEM TERMINAL	INDUCTANCE 1KHz, 0.25Vrms 25°	DIFFERENCE INDUCTANCE 1KHz, 0.25V	DC. RESISTANCE AT 25°C
	1-2	0.3mH Max	35m Ω MAX
	3-4	0.3mH Max	35m Ω MAX
TEST INSTRUMENT	E-SUN 19053	E-SUN/19053	
ITEM TERMINAL	HI-POT TEST AC 50/60Hz, 5mA, 3sec	INSULATION RESISTANCE. DC 500V	
	COIL-COIL	100M Ω MIN	
	COIL-CORE	100M Ω MIN	
Idc		8.5A	

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6. MATERIAL LIST:

No	ITEM	MATERIAL	CLASS	UL NO.	MANUFACTURER	OPT.
1	CORE	SQ2418 12K			ACMEElectronics (Guangzhou) Co;Ltd	√
		SQ2418 12K			SHANGDONG hengrui magnet technology CO.,LTD	√
		SQ2418 12K			DongGuan City JiuXin Magnetic Material Co.,Ltd	√
		SQ2418 12K			TengZhou MingJi Magnetism Industry Co., Ltd.	√
2	BOBBIN	T375HF	150℃	E59481	CHANG CHUN PLASTICS CO LTD	√
3	WIRE	@* FIWx180	180℃	E234867	SUNTEK HOLDINGS LIMITED	√
		@* UEW180	180℃	E504985	Guangdong Lizewire Electric Technology Co Ltd	√
4	VARNISH	E962	130℃	E335405	ZHUHAI CHANGXIAN NEW MATERIALS TECHNOLOGY CO LTD	√
5	锡	无铅锡条 /Sn99.9			Dongguan City Thousand Island METAL Foil CO LTD	√

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7. THE INSPECTION REPORT

ITEM	TEXT SPEC.	1	2	3	4	5
L 值(1-2)	5mH MIN 1KHZ 0.25V 25°	5.8	5.5	6.1	7.6	6.6
L 值(3-4)	5mH MIN 1KHZ 0.25V 25°	5.8	5.5	6.1	7.6	6.6
DCR 值(1-2)	35mΩ MAX AT 25℃	OK	OK	OK	OK	OK
DCR 值(3-4)	35mΩ MAX AT 25℃	OK	OK	OK	OK	OK
HI-POT AC50/60Hz 5mA 3sec	COIL-COIL:1500V	OK	OK	OK	OK	OK
	COLI-CORE:1000V	OK	OK	OK	OK	OK

TEST EQUIPMENT

INDUCTANCE	HI-POT	DC. R
CH-3250: ()	E-SUN-19053 (✓)	CH-502BC (✓)
CH-1062: (✓)		
CH-101: ()		

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