产品承认书
SPECIFICATION FOR APPROVAL

客户名称:
CUSTOMER

我司料号：
OUR PART NO. XRSQ1212-20mH-V

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	Lizhengxiong

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION: SQ1212-20mH Vertical with 7*8 pin pitch 0.1t*1.0mm

检查結果： □ 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 acknowledgment, please raise it or send the mark to us. The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

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

东莞市祥如电子有限公司

SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER 'S PART NO | VER: A

DESCRIPTION: SQ1212-20mH Vertical with 7*8 pin pitch | OUR DRAWING NO: XRSQ1212-20mH-V

A REVISION HISTORY

DATE OF	REVISED PROJECT	EDITION	NOTE
2019/07/22	NEEW VERSION	A	
2024/07/19	REVISION		

PPROVED BY	CHECKED BY	PREPARED BY	UNIT	mm
Li Zhengxiong	TangWen	Hu Fangting	DATE	2024/07/19
			REV NO.	A

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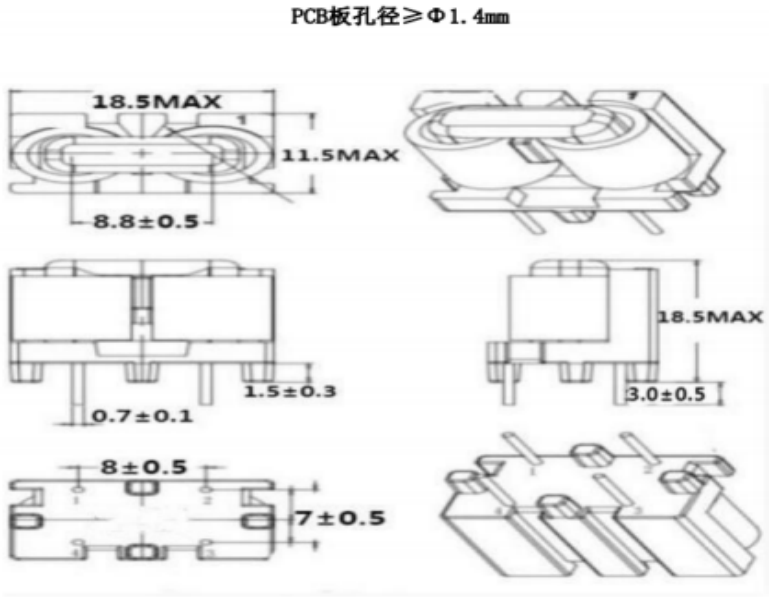
SPECIFICATION FOR APPROVAL

CUSTOMER			
CUSTOMER 'S PART NO		VER	A
DESCRIPTION	SQ1212-20mH Vertical with 7*8 pin pitch	OUR DRAWING NO	XRSQ1212-20mH-V

1. APPEARANCE & DIMENSION (UNIT: mm):



NOTE:
1.产品共模绕制。
Product common mode winding
2.产品需含浸凡立水固定。
The product needs to be impregnated with varnish for fixing
3.焊点不可高于底座支点。
The solder joints must not be higher than the base support points.

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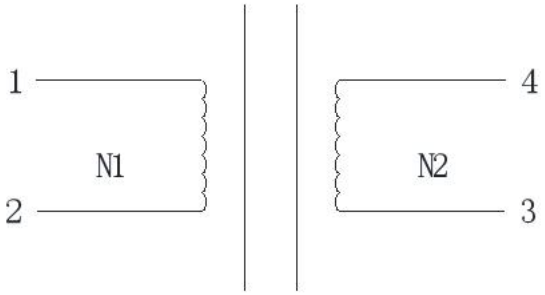
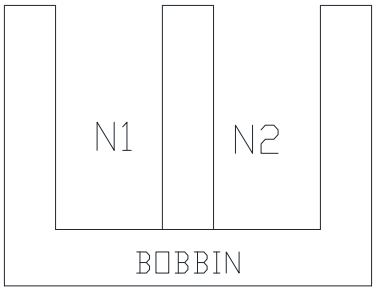
2. SCHEMATIC:



3. WINDING SEQUENCE:



4.WINDING TABLE

ORDER	WIRE SIZE	START	END	TURNS	LAYER	INSULATION	
N1	0.1t×1.0mm UEWH FlstWire	1	2	52TS(REF)	CLOSE		
N2	0.1t×1.0mm UEWH FlstWire	4	3	52TS(REF)	CLOSE		

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5.ELECTRICAL CHARACTER ISICS:

TEST CONDITION:		TEMPERATUREAT: 25℃±5℃ WORKING TEMPERATURE: -25℃/+125℃ STORAGE TEMPERTURE: -25℃/+40℃ HUMIDITY: AT45-80% RH	
TESTINSTRUMENT	CHENHWA/1062	CHENHWA/1062	CHENHWA/502A
ITEM / TERMINAL	INDUCTANCE 1KHz, 0.25Vrms 25°	DIFFERENCE INDUCTANCE 1KHz, 0.25V	DC.RESISTANCE AT 25℃
1-2	20mH MIN	0.3mH Max	240mΩMAX
3-4	20mH MIN	0.3mH Max	240mΩMAX
TESTINSTRUMENT	E-SUN 19053	E-SUN/19053	
ITEM / TERMINAL	HI-POT TEST AC50/60Hz, 5mA, 3sec	INSULATION RESISTANCE.DC 500V	
COIL-COIL	1500V	100M Ω MIN	
COIL-CORE	1000V	100M Ω MIN	
Idc		1.5A	

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6.MATERIAL LIST:

No	ITEM	MATERIAL	CLASS	UL NO.	MANUFACTURER	OPT.
1	CORE	SQ1212 12K			ACMEElectronics(Guangzhou)Co;Ltd	√
		SQ1212 12K			SHANGDONG hengrui magnet technology CO.,LTD	√
		SQ1212 12K			DongGuan City JiuXin Magnetic Material Co.,Ltd	√
		SQ1212 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 Liziwire Electric Technology Co Ltd	√
4	VARNISH	E962	130℃	E335405	ZHUHAI CHANGXIAN NEW MATERIALS TECHNOLOGY CO LTD	√
5	tin	wuxi conditions /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)	20mH MIN 1KHZ 0.25V 25°	42.8	38.9	39.8	38.7	38.9
L 值(3-4)	20mH MIN 1KHZ 0.25V 25°	42.8	38.9	39.8	38.7	38.9
DCR 值(1-2)	240mΩMAX AT 25℃	OK	OK	OK	OK	OK
DCR 值(3-4)	240mΩMAX 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

CH-3250: ( )

CH-1062: (√)

CH-101: ( )

HI-POT

E-SUN-19053 (√)

DC.R

CH-502BC (√)

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