



东莞市祥如电子有限公司

SPECIFICATION FOR APPROVAL



承 认 书

CUSTOMER:

DESCRIPTION:

CUSTOMER' S PART NO:

OUR DRAWING NO:

XRSQ1918-6mH-H-1013

DATE:

2024/05/06

VERSION NO:

A

※如蒙承认，请予签回乙份，谢谢！

APPROVEDSIGNATURES		
APPROVED	CHECKED	PREPARED

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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
李振雄	唐 文	谢诗珍	DATE	2024/07/19
			REV NO.	A

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DESCRIPTION

SQ1918-6mH 卧式 10x13 脚距

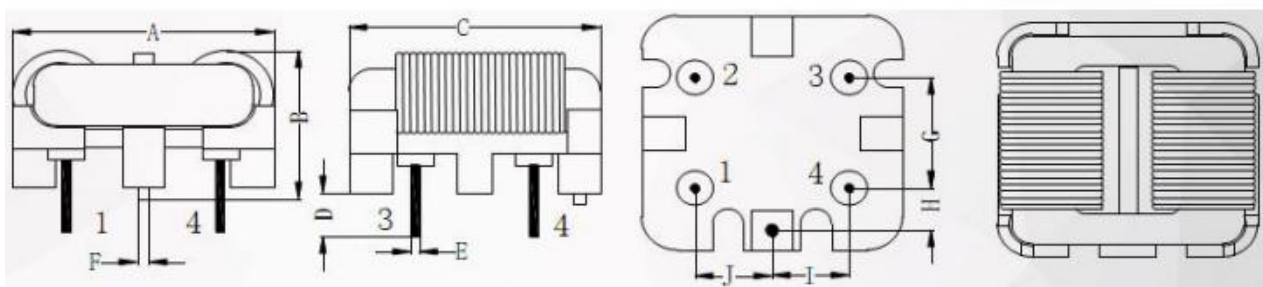
VER

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1. APPEARANCE & DIMENSION (UNIT: mm):



A	B	C	D	E	F	G	H
24MAX	15MAX	23.5MAX	3.5REF	0.7±0.1	1.5±0.2	10±0.5	13±0.5

NOTE:

1. 产品共模绕制。
2. 产品需含浸凡立水固定。
3. 焊点不可高于底座支点。

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2. SCHEMATIC:

1 ——— N1 ——— 2

4 ——— N2 ——— 3

3. WINDING SEQUENCE:

N1 N2

BOBBIN

4. WINDING TABLE

ORDER	WIRE SIZE	START	END	TURNS	LAYER	INSULATION	
N1	0.3t×1.5mm UEWH 扁平线	1	2	40TS (REF)	CLOSE		
N2	0.3t×1.5mm UEWH 扁平线	4	3	40TS (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 6mH MIN	0. 3mH Max	100m Ω MAX
	3-4 6mH MIN	0. 3mH Max	100m Ω MAX
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		4. 5A	

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6. MATERIAL LIST:

No	ITEM	MATERIAL	CLASS	UL NO.	MANUFACTURER	OPT.
1	CORE	SQ1918 12K			ACMEElectronics (Guangzhou) Co;Ltd	√
		SQ1918 12K			SHANGDONG hengrui magnet technology CO.,LTD	√
		SQ1918 12K			DongGuan City JiuXin Magnetic Material Co.,Ltd	√
		SQ1918 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)	6mH MIN 1KHZ 0.25V 25°	9.31	9.45	9.96	10.39	10.86
L 值(3-4)	6mH MIN 1KHZ 0.25V 25°	9.31	9.45	9.96	10.39	10.86
DCR 值(1-2)	100mΩ MAX AT 25℃	OK	OK	OK	OK	OK
DCR 值(3-4)	100mΩ 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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