



SPECIFICATION FOR APPROVAL

DESCRIPTION : _____ CHOKE _____
 SPECIFICATION : _____ SQ2118-10mH _____
 PART NO. : _____ FWSQ2118V103K _____
 ISSUE DATE : _____ 2024.8.8 _____

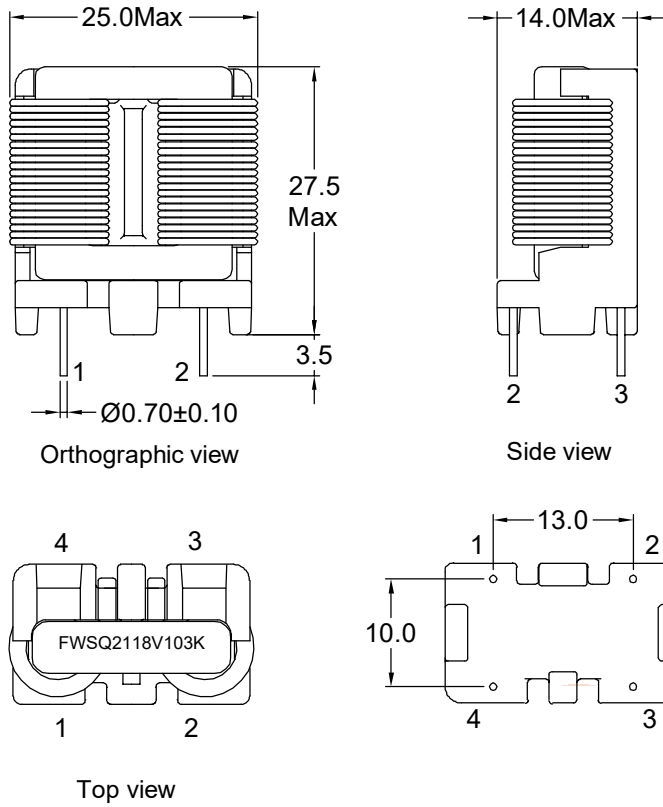
MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
工程部 夏晓凯 2024.08.08	工程部 潘玉财 2024.08.08	工程部 王永生 2024.08.08

CUSTOMER APPROVAL		
RECEIPT	CHECKED	APPROVED


FOSO POWER TECHNOLOGY CO., LTD.	
Address:Block 13, Caohejing Technology Park, No.8, Haining Avenue, Haining, Zhejiang 314400, China	
TEL:+86-573-8787-3600	FAX:+86-0573-87081130
www.fosopower.com	contact@fosopower.com

SPECIFICATION

1. PHYSICAL DIMENSION(UNIT: m/m):

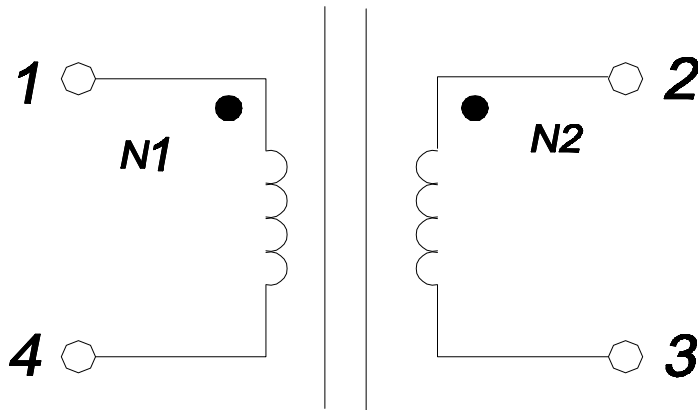


LEAD FREE

DIM	a	b	c	d	e	f	g					
SPEC												
 A PASSION FOR LIGHTING TECHNOLOGY							DESCRIPTION		CHOKE			
							Customer P/N		SQ2118-10mH			
							FERRIWO P/N		FWSQ2118V103K			
SPEC. NO.	PS-2024-050				PREPARED	夏晓凯 2024.08.08		APPROVED	王永生 2024.08.08			

SPECIFICATION

2.WINDING TABLE:



3.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1	0	1~4	0.3 ϕ x 1.5mm	36Ts(ref)	CLOSE		
N2	0	2~3	0.3 ϕ x 1.5mm	36Ts(ref)	CLOSE		

NOTE:

- Products should be vacuum varnish.
 *VARNISH RATIO:1:1
 *VACUUM TIME:15~20minutes
 *BAKED TEMPERATURE:120°C \pm 10°C,1~1.5huors

LEAD FREE



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LIGHTING TECHNOLOGY

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FERRIWO P/N	FWSQ2118V103K

SPEC. NO.	PS-2024-050	PREPARED	夏晓凯 2024.08.08	APPROVED	王永生 2024.08.08
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SPECIFICATION


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4. ELECTRONICAL CHARACTERISTIC:

TEST CONDITION : TEMPERATURE AT 25°C

HUMIDITY AT 65 ±5% RH

TEST ITEM	TEST CONDITION	RESULT
INDUCTANCE CH-3250	@1KHz,0.25V (1~4)=(2~3)	10mH min
LSTRAY	@1KHz,0.25V	Lkg=67uH
INDUCTANCE BALANCE	@1KHz,0.25V	L1-L2=300uH MAX
D.C RESISTANCE		50 mohms Max
HI POT	PRI-SEC	1500VAC/5mA/2Second

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5. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE	FWS15K OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOLIC OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD. UL NO E41429	150°C
3	WIRE	SFT-UEW-H	PACIFIC ELECTRIC WIRE&CABLE(SHENZHEN) CO. LTD UL NO E84081	130°C
4	VARNISH	BC-346A	JOHN C DOLPH CO BC-346A UL NO E317427	130°C
5	FLUX	TF9100	LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
6	TIN	Sn99.3Cu0.7	HAINING ZHUCHANG METAL FOIL CO;LTD	

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