






SPECIFICATION FOR APPROVAL

DESCRIPTION : _____ INDUCTOR _____
 SPECIFICATION : _____ SQ24-15mH _____
 PART NO. : _____ FWSQ2418153N _____
 ISSUE DATE : _____ June 30, 2023 _____

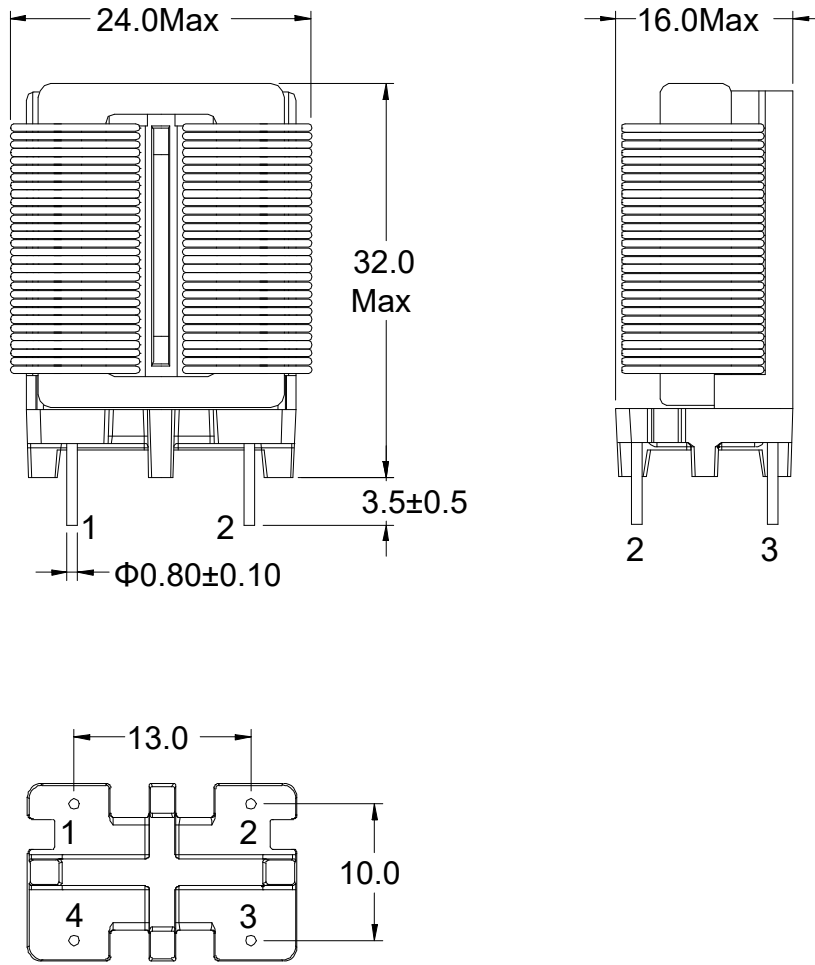
MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
		

CUSTOMER APPROVAL		
RECEIPT	CHECKED	APPROVED

Haining Ferriwo Electronics Co., Ltd.	
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www.ferriwo.com	sales@ferriwo.com

SPECIFICATION

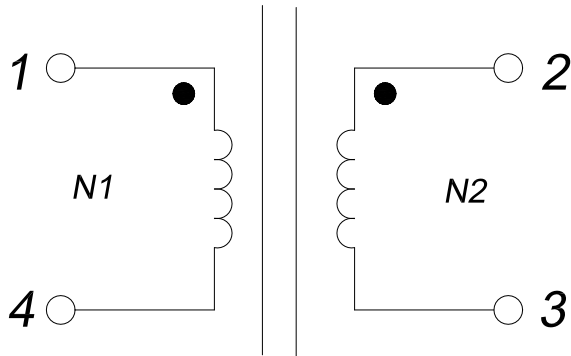
1. PHYSICAL DIMENSION(UNIT: m/m):



LEAD FREE

DIM	A	B	C	D	E	F	G						
SPEC													
							DESCRIPTION		INDUCTOR				
							Customer P/N		SQ24-15mH				
							FERRIWO P/N		FWSQ2418153N				
SPEC. NO.	PS-2023-060				PREPARED			APPROVED					

2.WINDING TABLE:



3.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1	0	1~4	0.30x 1.5x1P	56Ts(ref)	CLOSE		
N2	0	2~3	0.30x 1.5x1P	56Ts(ref)	CLOSE		

NOTE:

1. Products should be vacuum varnish.

*VARNISH RATIO:1:1

*VACUUM TIME:15~20minutes

*BAKED TEMPERATURE:120°C±10°C,1~1.5huors

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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)	15mH MIN
D.C.R CH-502	(1~4)=(2~3)	100mΩ MAX
HI-POT TEST CH-9052	@ 5mA 2SEC (AC)	Pri<->Sec 1.5 KV;

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5. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE	FWS13K OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOLIC OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD. UL NO E41429	150°C
3	WIRE	2UEW	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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