



SPECIFICATION FOR APPROVAL

DESCRIPTION : INDUCTOR
 SPECIFICATION : UU10-30mH
 PART NO. : FWCMUU10H303N
 ISSUE DATE : 11 November 2021

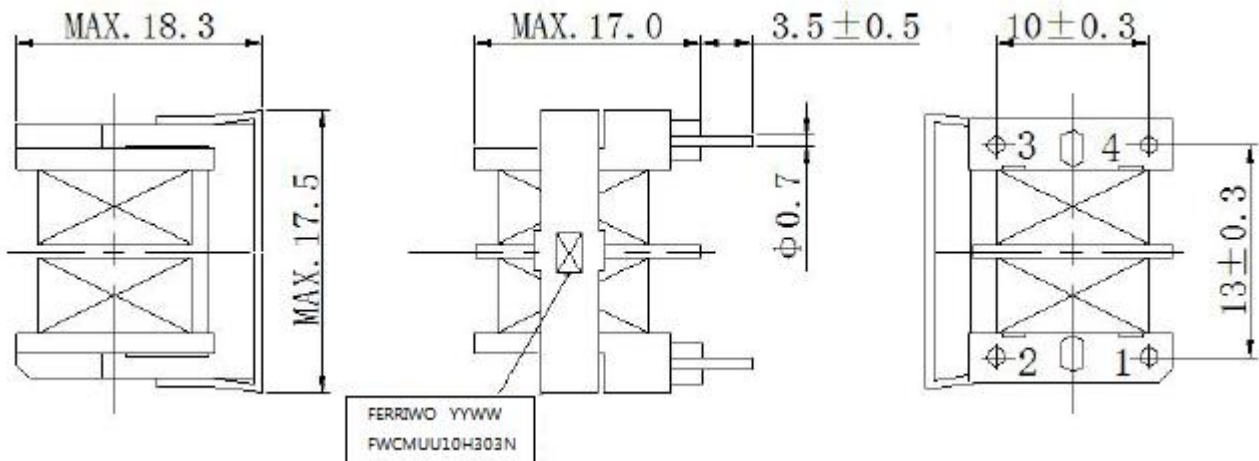
MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
工程部 夏晓凯 2021.11.11	工程部 潘玉财 2021.11.11	工程部 王永生 2021.11.11

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):

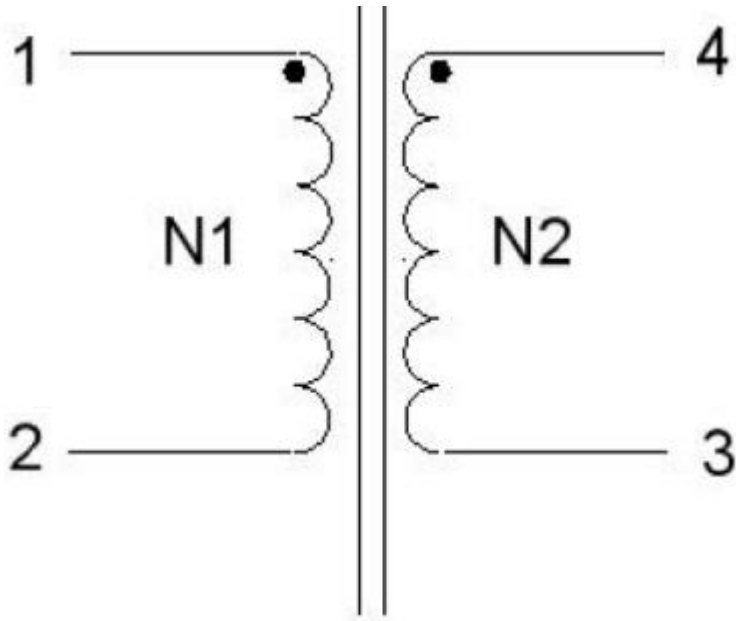


*.Core is fixed with clip.

LEAD FREE

DIM	a	b	c	d	e	f	g						
SPEC													
						DESCRIPTION		INDUCTOR					
						Customer P/N		UU10-30mH					
						FERRIWO P/N		FWCMUU10H303N					
SPEC. NO.	PS-2021-085				PREPARED	夏晓凯 2021.11.11		APPROVED	王永生 2021.11.11				

2.WINDING TABLE:



3.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire &Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1	0	1~2	0.28 ϕ x 1P	103Ts(REF)	CLOSE		
N2	0	4~3	0.28 ϕ x 1P	103Ts(REF)	CLOSE		

NOTE:

- Products should be vacuum varnish.
 *VARNISH RATIO:1:2
 *VACUUM TIME:15~20minutes
 *BAKED TEMPERATURE:120°C±10°C,1~1.5huors

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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	@10KHz,1V (1~2)=(4~3)	30mH MIN
DCR CH-502	(1~2)=(4~3)	3.5 Ω MAX
HI-POT TEST CH-9052	@ 1mA 3SEC (AC)	N1<->N2 1.0 KV N1,N2<->C 0.5 KV

*.Max current:0.5A.

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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	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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