






SPECIFICATION FOR APPROVAL

DESCRIPTION: _____ TRANSFORMER _____
 SPECIFICATION: _____ RC50-140W-T1-1 _____
 PART NO: _____ FWPTPQ2620V851J _____
 ISSUE DATE: _____ 19 April 2022 _____

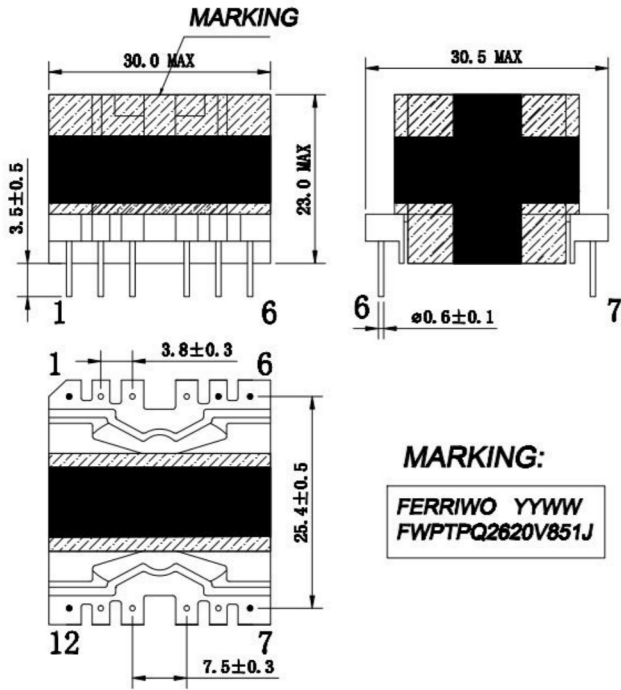
MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
		

CUSTOMER APPROVAL		
PREPARED	CHECKED	APPROVED

Haining Ferriwo Electronics Co.,Ltd.	
Address:Block 13, Caohejing Technology Park, No.8, Haining Avenue, Haining, Zhejiang 314400, China	
TEL:+86-0573-87088701	FAX:+86-0573-87081130
www.ferriwo.com	sales@ferriwo.com

SPECIFICATION

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



NOTE1:PIN2.3.4.8.9.10.11 CUT OFF.

NOTE2:

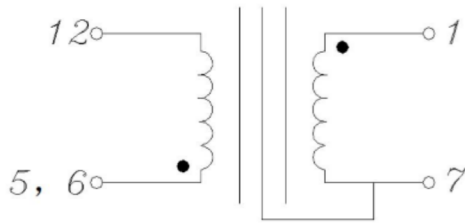
1. Core fix tape 2Ts;
2. Coil fix tape 2Ts;
3. Core outside fix 0.05*10.0mm copper foil 1Ts;
4. Coil outside fix 0.05*8.0mm copper foil 1Ts;
5. One end of $\phi 0.3$ mm wire is welded to the interface of the two copper foils and the other end is welded to Pin 7;
6. Core fix tape 2Ts;
7. Coil fix tape 2Ts.

LEAD FREE

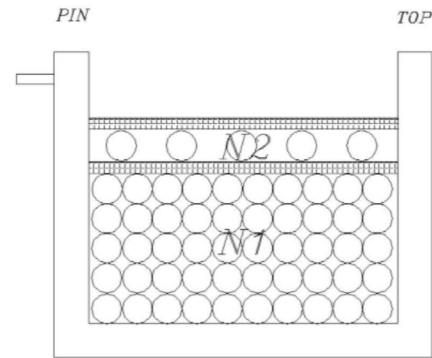
DIM	A	B	C	D	E	F	G	H				
SPEC												
						DESCRIPTION			TRANSFORMER			
						Customer P/N			RC50-140W-T1-1			
						FERRIWO P/N			FWPTPQ2620V851J			
SPEC. NO.	PS-2022-015				PREPARED			APPROVED				

SPECIFICATION

2.WINDING TABLE:



3.WINDING:



4.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1		5,6~12	0.18 ϕ x 7P (LITZ)	83.5Ts	CLOSE	3Ts	
N2		1~7	0.18 ϕ x 1P	6.5Ts	SPREAD	3Ts	

NOTE:

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

LEAD FREE



DESCRIPTION	TRANSFORMER
Customer P/N	RC50-140W-T1-1
FERRIWO P/N	FWPTPQ2620V851J

SPEC. NO.	PS-2022-013	PREPARED		APPROVED	
-----------	-------------	----------	--	----------	--

SPECIFICATION

5. ELECTRONICAL CHARACTERISTIC:

TEST CONDITION : TEMPERATURE AT 25°C
HUMIDITY AT 65 ±5% RH

TEST ITEM	TEST CONDITION	RESULT
INDUCTANCE CH-3250	@1KHz,0.3V (5,6~12)	850uH±5%
HI-POT TEST CH-9052	@ 2mA 3SEC (AC)	P<->S 1.0 KV;

NOMINAL RATED POWER - 100 VA

LEAD FREE

DESCRIPTION	TRANSFORMER
Customer P/N	RC50-140W-T1-1
FERRIWO P/N	FWPTPQ2620V851J

SPEC. NO.

PS-2022-015

PREPARED



APPROVED



SPECIFICATION

6. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE PQ2620	FW40 OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOLIC OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD. UL NO E41429	150°C
3	WIRE	2UEW-F	PACIFIC ELECTRIC WIRE&CABLE(SHENZHEN) CO. LTD UL NO E84081	155°C
4	COPPER FOIL	0.05*8.0mm ,0.05*10.0mm	YAHUA STICKING TAPE CO.,LTD	
5	TAPE	CT280	YAHUA STICKING TAPE CO.,LTD UL NO E165111	130°C
6	VARNISH	R-1038	JOHN C DOLPH CO BC-346A UL NO E317427	130°C
7	FLUX	TF9100	LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
8	TIN	Sn99.3Cu0.7	HAINING ZHUCHANG METAL FOIL CO;LTD	

LEAD FREE



DESCRIPTION	TRANSFORMER
Customer P/N	RC50-140W-T1-1
FERRIWO P/N	FWPTPQ2620V851J

SPEC. NO.

PS-2022-015

PREPARED



APPROVED

