

SPECIFICATION FOR APPROVAL

CUSTOMER: K115

DESCRIPTION: 3 PHASES COMMON MODE CHOKE

YAXIN PART NO: YXA80874T REV:A

CUSTOMER PN: 12KW

CHOP&SIGNATURES:(YAXIN PREPARED)		
MADE BY	CHECKED BY	APPROVED BY
 Yue Xiao Jun 2024.06.17 ENG	 Sam 2024.06.17 ENG	 Owen 2024.06.17 ENG

CUSTOMER APPROVAL



ISO9001:2008



ISO14001:2004



IATF16949:2016



File no:E342506

The environmental requirements



No red phosphorus



YAXIN
DESIGN



APPROVAL SAMPLE SUBMIT

PROTOTYPE SAMPLE			DV SAMPLE			PV SAMPLE			NOTE
QTY'S(PCS)	DATE	APPROVED	QTY'S(PCS)	DATE	APPROVED	QTY'S(PCS)	DATE	APPROVED	

CONTACT:

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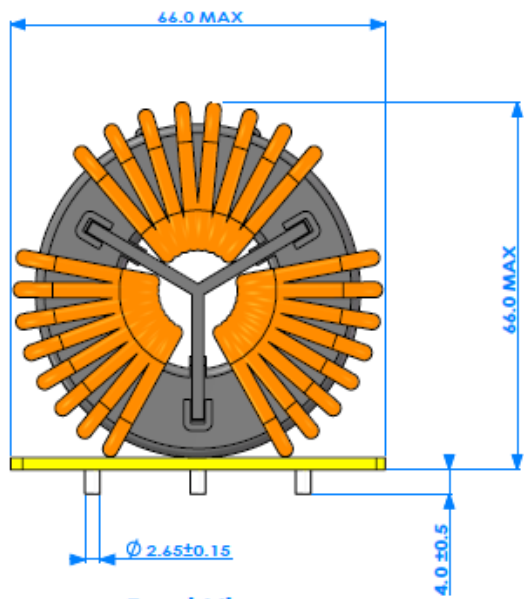
Address:NO 1828, Wuyang Avenue, Economic Development Zone Huaihua, Hunan China

SPECIFICATION

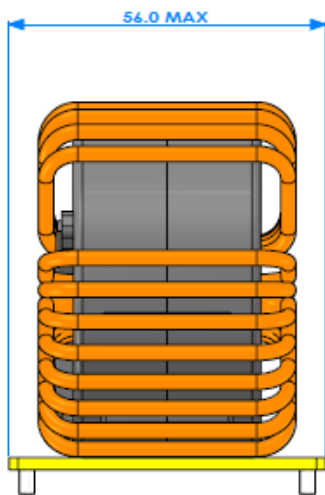
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SPECIFICATION

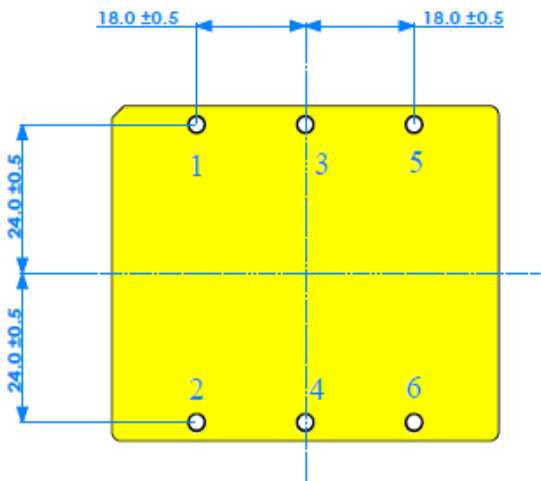
MECHANICAL SPECIFICATION: (mm)



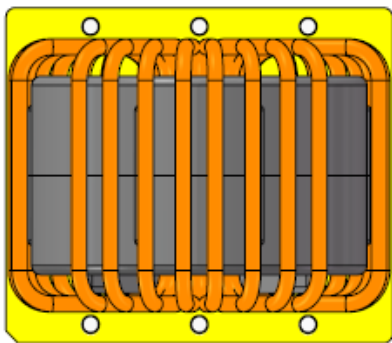
Front View



Side View



Bottom View



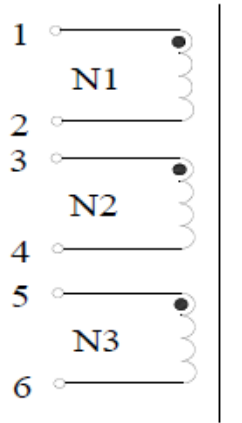
Top View

NOTES:

1.成品出入线及底板隔板须点胶固定.

SPECIFICATION

SCHEMATIC:



● Indicate winding start

WINDING DIAGRAM

WINDING	WIRE	S-F	TURNS(Ts)	TAPE(Ts)	REMARK
N1	Φ2.65mm*1P EIW	1-2	9		
N2	Φ2.65mm*1P EIW	3-4	9		
N3	Φ2.65mm*1P EIW	5-6	9		

ELECTRICAL CHARACTERISTIC:AT 25℃

Loc.	PARAMETER	SPECIFICATION LIMITS	MEASURING CONDITION	MEASURING EQUIPMENT
a	L(1-2=3-4=5-6)	17.0mH MIN	100Hz/1.0V	CHROMA3302 OR EQUIV
	L(1-2=3-4=5-6)	17.0mH MIN	120Hz/1.0V	CHROMA3302 OR EQUIV
	L(1-2=3-4=5-6)	17.0mH MIN	1KHz/1.0V	CHROMA3302 OR EQUIV
	L(1-2=3-4=5-6)	15.5mH MIN	10KHz/1.0V	CHROMA3302 OR EQUIV
	L(1-2=3-4=5-6)	5.3mH MIN	100KHz/1.0V	CHROMA3302 OR EQUIV
b	DCR(1-2=3-4=5-6)	3.15mΩ MAX	25℃	502BC OR EQUIV
c	HI-POT(WINDING-WINDING)	2500V/ac,60Hz,60s,1mA		CHROMA19053 OR EQUIV

SPECIFICATION

MATERIAL LIST:

NO.	NAME	MATERIAL	RATING	UL NO.	MANUFACTURER
1	CORE+COVER+SPACER	51×30×28mm Nanocrystalline	NA	NA	JOINCHINA ADVANCED MATERIALS TECHNOLOGY COLTD
		51×30×28mm Nanocrystalline	NA	NA	JIANGXI EVERTECH NEW MATERIAL CO.,LTD
		PBT-RG301	130℃	E171666	KINGFA SCI & TECH CO LTD
		FR-530(I)(+)(F1)	130℃	E41938	E I DUPONT DE NEMOURS & CO INC
		or equiv			
2	WIRE	xEIW	180℃	E172395	FENG CHING METAL CORP
		EIW	180℃	E85640	TAI-I ELECTRIC WIRE & CABLE CO.,LTD
		or equiv			
3	BASE	FR-4 & KB-6150	130℃	E123995	KINGBOARD LAMINATES HOLDINGS LTD
4	EPOXY	3300A-1/B-1	130℃	E218090	DONGGUAN EATTO ELECTRONIC MATERIAL CO LTD
		or equiv			
5	SOLDER	100SN	NA	NA	ZHONG SHI METAL CO., LTD.
		or equiv			