

MIANYANG MAIKE MAGNETIC CO., LTD

SPECIFICATION FOR APPROVAL

TO: 中铁重工

PAGE: 1

产品名称(DESCRIPTION): Transformer

产品规格(MODEL NO): ER11.5

客户料号(CUSTOMER PART NO): CRCHI-AI变压器1

迈科料号(MAIKE PART NO): THER11.5-S02A

日期(DATE): 2023/3/20

DATE	REV.	DESCRIPTION	PREPARED	APPROVAL
2022/10/11	A01	NEW ISSUE	HuiwuJia	MAIKE
2023/2/8	A02	电感值由900uH MIN改为700uH MIN。	HuiwuJia	MAIKE
2023/3/20	A03	电感值由700uH MIN改为100uH±15%。	HuiwuJia	MAIKE

客户确认(Customer Confirmation)	
审核(Check)	核准(Approved)

MIANYANG MAIKE MAGNETIC CO., LTD

地址: 四川省绵阳市安州区界牌镇中南高科汽车产业园C13-3

Address:C13-3, Zhongnan High-tech Automobile Industrial Park, Jiepai Town, Anzhou District, Mianyang city, Sichuan Province

TEL: 0816-2810863; 181 6101 7535 FAX: 0816-2810863

[Http://www.magnetic-core.com](http://www.magnetic-core.com)

Email: xu.hob@163.com

MIANYANG MAIKE MAGNETIC CO., LTD

SPECIFICATION FOR APPROVAL

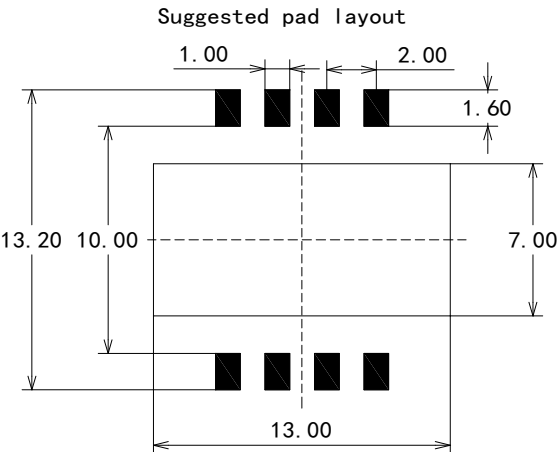
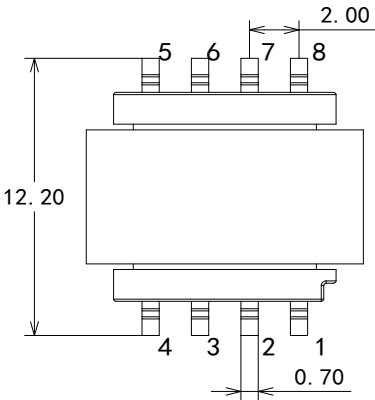
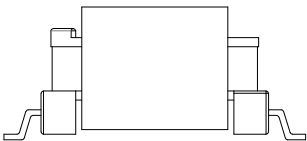
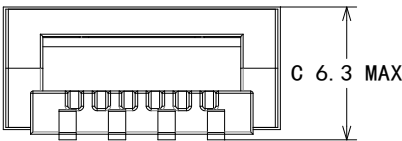
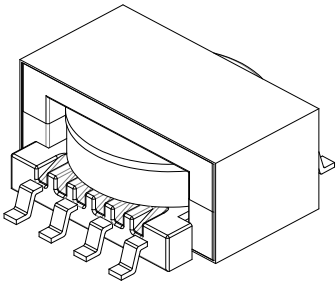
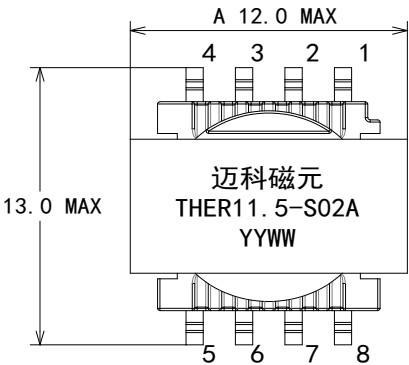
TO: 中车

PAGE: 2

CUSTOMER PART NO: CRCHI-AI变压器1	REV. A	MAIKE PART NO: THER11.5-S02A	ISSUE DSTE 2022/10/11
PART NAME Transformer	MAIKE REV. A01	USED ON 2023/3/20	

1. MECHANICAL DIMENSIONS:

UNIT: mm



Note:

1. CORE组装后包3圈胶带固定。
2. A,B,C尺寸出货时抽检，其它尺寸作为参考。

MIANYANG MAIKE MAGNETIC CO., LTD

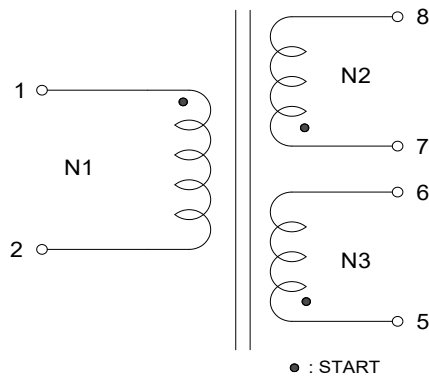
SPECIFICATION FOR APPROVAL

TO: 中车

PAGE: 3

CUSTOMER PART NO: CRCHI-AI变压器1	REV. A	MAIKE PART NO: THER11.5-S02A	ISSUE DSTE 2022/10/11
PART NAME Transformer	MAIKE REV. A01	USED ON 2023/3/20	

2. Connections & Schematic



3. Winding structure

绕组	起始PIN位	结束PIN位	绕材规格	圈数	层间胶带 圈数	绕线方式
N1	1	2	φ0.1mm*1P QPN	30	3	密绕
N2	7	8	φ0.1mm*1P QPN	15	3	并绕密绕
N3	5	6	φ0.1mm*1P QPN	15		

4. Electrical characteristics

No.	ITEMS	CONDTION	SPECIFICATION	TEST INSTRUMENT
1	Inductance: @100kHz,1V	L(1-2)	100uH±15%	CH-3302 OR equal
2	Leakage inductance: @100kHz,1V	LK(1-2)@short other	17uH MAX	
3	Direct current resistance:(20 °C)	DCR(1-2)	1.4Ω MAX	CH-3302 OR equal
		DCR(7-8)	900mΩ MAX	
		DCR(5-6)	900mΩ MAX	
4	HI-POT TEST: @50/60HZ a.c.	PRI TO SEC	2000V ac 1mA 60s	CH-19053 OR equal
		PRI TO CORE	2000V ac 1mA 60s	