

Specification for approval

Description(产品类型): Transformer

Customer p/n(客户): Theseus 15W

ZETTLER p/n(赛特勒): XZM-EF20914-WH

Revision(版本号): A1

Page(页数): 5

Drafted(制作): 陈超路

Checked(审核): 陈丽梅

Approved(确认): 陈敏



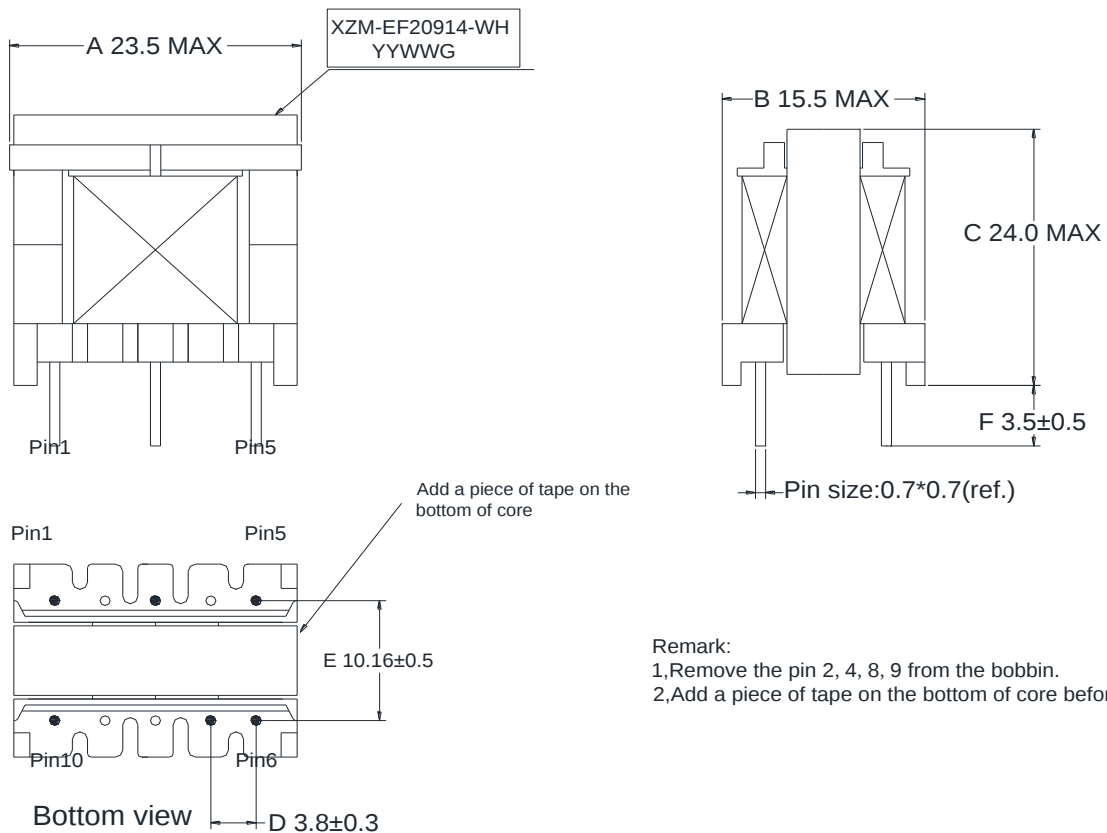
A1	2016/4/21	Add a piece of tape on the bottom of core to solve arc issue	Chenmin
Rev.	Date	Description	Approved

Approved by Customer (客户确认) : _____

Friendly Reminder: Please help to sign this Spec when approve , and fax to our company .Or else, we will consider you have accepted it and make future order based on this Spec.

友情提示:请在签字确认后,按封面的传真号码回传给赛特勒磁电有限公司.如无回传,则视为默认,后续的相关订单将以按本承认书的规定为技术要求.

1. OUTLINE DRAWING(外形图):UNIT(单位): mm

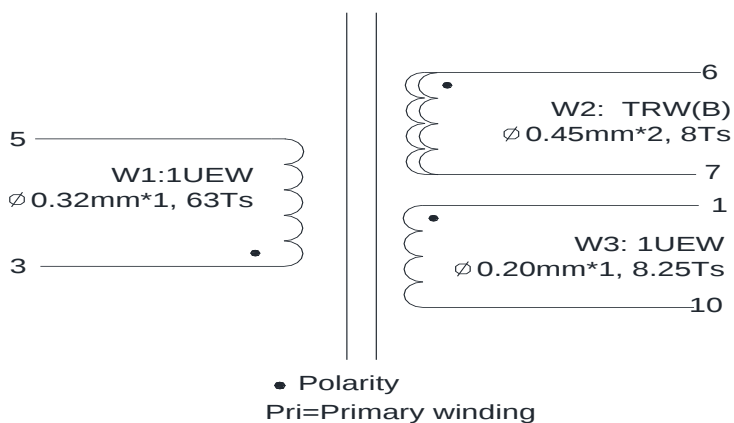


2. Label(标签图)

XZM-EF20914-WH
YYWWG

Remark: YY: Year; WW: Week

3. SCHEMATIC(原理图):



4.ELECTRICAL SPECIFICATION(电气特性测试):**TEST TEMPERATURE(测试温度)@25±2℃:**

Item 项目	Terminal 端子	Specification 规格值	Test condition 测试条件
Inductance 电感量	3--5	513uH±10%	100KHz,1.0V,SER
Leakage inductance 漏电感	3--5 ((Other windings shorted)	15 uH Max	100KHz,1.0V,SER
DCR 直流电阻(Ω)	3--5	0.52 Max	Ta=25℃
	6--7	30mΩ Max	
	1--10	0.24Ω Max	
Polarity& turns ratio 极性和圈数比	W1 : W2 : W3	63 : 8 : 8.25	10KHz,1.0V
HI-POT Voltage 耐压	W1—W2,W3	1.8KV AC	60Hz 2mA/2S
	W1—W2	3.0KV AC	

5. PRECAUTIONS FOR USE (产品使用注意事项):

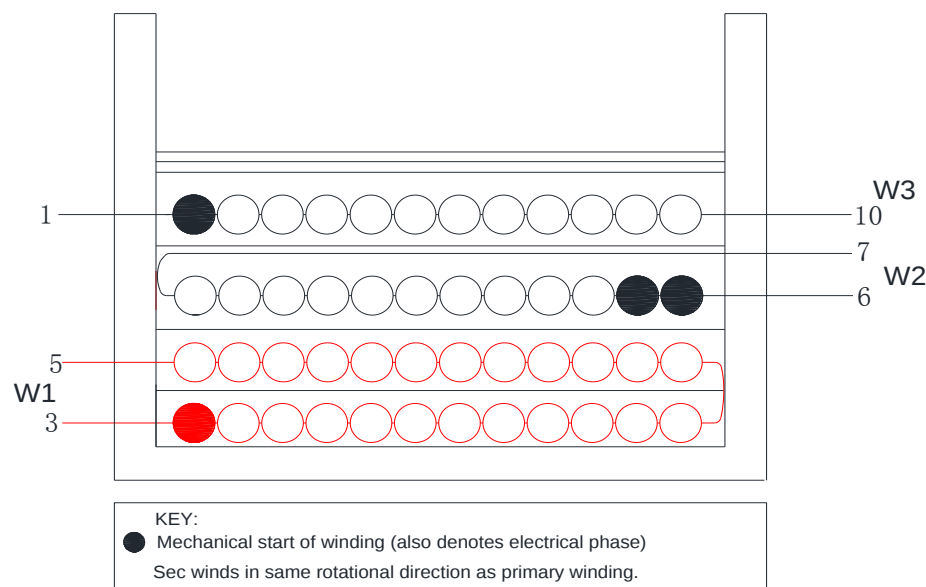
使用温度范围: -25~+125℃(含自身发热)

Operating temperature: -25~+125℃ including temp rise.

保存温度范围: -25~+125℃

Storage Temperature: -25~+125℃

6.WINDING STRUCTURE (绕线结构)



7.WINDING SPECIFICATION (绕线规格)

PRIOR ITY 顺序	WINDI NG 绕组	Start 起线	End 收线	COPPER WIRE OR FOIL 线材	TURNS 圈数	TAPE AND TURNS 胶带类型与圈数	REMARK 备注
1	W1	3	5	1UEW $\phi 0.32\text{mm} \times 1$	32Ts/31Ts	(3M1318)/13mm 1.0Ts/1.0Ts	
2	W2	6	7	TRW-B $\phi 0.45\text{mm} \times 2$	8Ts	(3M1318)/13mm 1.0Ts	
3	W3	1	10	1UEW $\phi 0.20\text{mm} \times 1$	8.25TS	(3M1318)/13mm 3.0Ts	

8.BOM (材料表)

NO. 序号	MATERIAL TYPE 材料名称	DESCRIPTION 规格描述	MANUFACTURER 供应商	UL/file No UL 编号
1	BOBBIN 骨架	PHENOLIC T375HF or PM-9820	CHANG CHUN PLASTICS CO.,LTD SUMITOMO BAKELITE CO.,LTD	E59481 E41429
2	TAPE 胶带	CT-281 1318 or 1350	YAHUA ADHESIVE TAPE CO., LTD ; 3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E165111 E17385
3	TRIPLE INSULATED WIRE 三层绝缘线	TIW-2 TRWB	TOTOKU ELECTRIC CO.,LTD GREAT LEOFLON CO.,LTD	E166483 E211989
4	VARNISH 绝缘漆	ET-90(a) or T-4260(a)	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO.,LTD	E228349
5	UEW Enameled Copper Wire UEW 漆包线	1UEW CLASS B	HENG YA ELECTRIC (DONGGUAN) LTD 东莞恒亚 TONGLING NONFERROUS COPPER CROWN ELECTRICAL CO LTD 铜冠	E197768 E217937

9.Special requirements (特殊要求)

1) .System Designation: ZM-130-8

System temperature: Class B(130℃)

System UL NO.: E177235

2) .Dip varnish uniformly in item; Do not vacuum impregnate