

Specification for approval

Description(产品类型):	Transformer
Customer p/n(客户):	
ZETTLER p/n(赛特勒):	XZM-E42020
Revision(版本号):	PD1.0
Page(页数):	4

Drafted(制作): Zhangjiada

Checked(审核): Chenchaulu

Approved(确认): Hezongnian



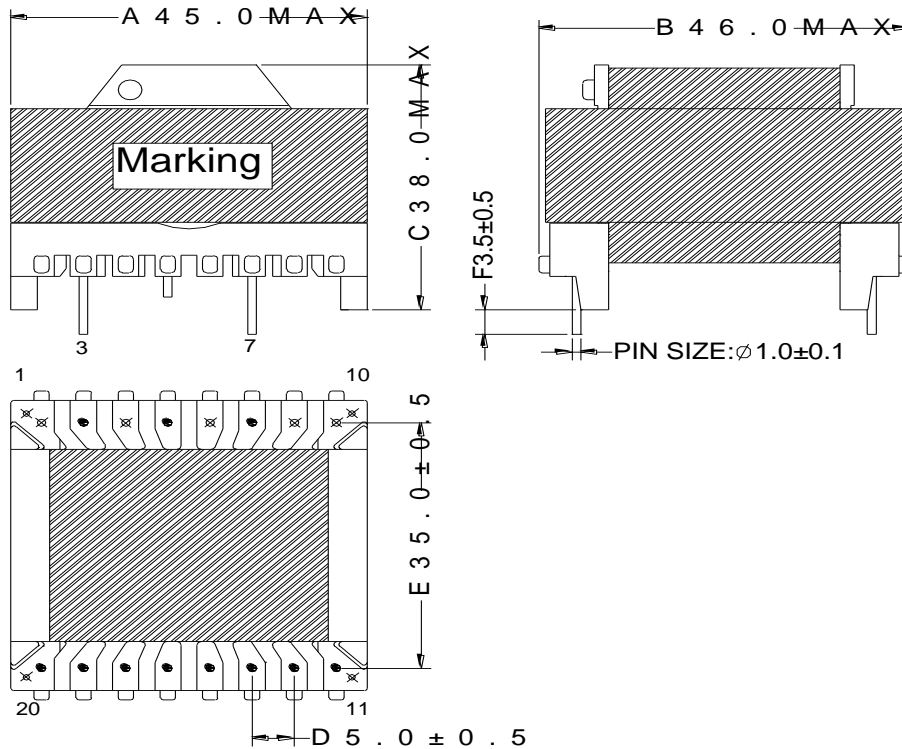
PD1.0	2023/02/28	Initial release	Zhangjd
Rev.	Date	Description	Changed

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.

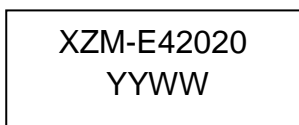
1. OUTLINE DRAWING(外形图):UNIT(单位): mm



Notes(注):

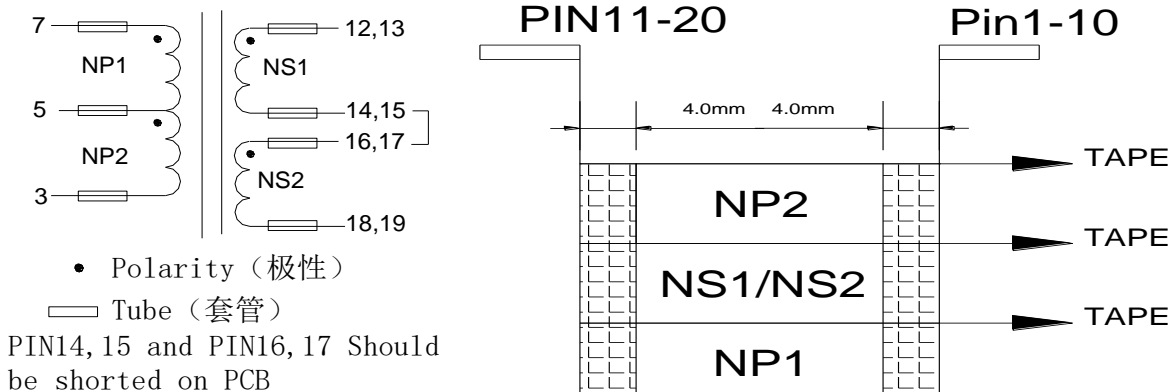
- ◆ PCB drill hole is recommended to be 1.5mm; (建议 PCB 开孔孔径为 1.5mm)
- ◆ If PIN layout and footprint have slightly deviation, please refer to actual PCB assembly, the ones can be normally inserted into PCB is qualified. (PIN 距、排距尺寸测量有偏差时,以 PCB 下板实装确认,可正常下板为合格)
- ◆ The Pin length doesn't include the solder tip (PIN 脚长度不包括锡尖)
- ◆ Pin PIN1,2,4,6,8,9,10,11,20 removed, PIN5 cut off 2/3 (PIN1,2,4,6,8,9,10,11,20 脚去除, PIN5 剪除 2/3)

2. MARKING (标签图)



YY:Year/年
WW:Week/周

3. SCHEMATIC & WINDING STRUCTURE (原理图&绕线结构):



4. WINDING SPECIFICATION (绕线规格)

NO. 顺序	winding 绕组	start 起线	end 收线	Wire 线材	Number 圈数	Tape type and number of circles 胶带类型与圈数	NOTE 备注
1	NP1	7	5	UEW ϕ 0.10*60mm	20	2	
2	NS1	12,13	14,15	UEW ϕ 0.06*800mm*2	2	2	
5	NS2	16,17	18,19	UEW ϕ 0.06*800mm*2	2		
6	NP2	5	3	UEW ϕ 0.10*60mm	20	2	

5. ELECTRICAL SPECIFICATION(电气特性测试):

TEST TEMPERATURE(测试温度)@25±2°C:

Item 项目	Terminal 端子	Specification 规格值	Test condition 测试条件
Inductance 电感量	7—3	2.0mH Min	100KHz,1.0V,SER
Leakage inductance 漏电感	7—3 (else pin short)	TBD uH MAX	100KHz,1.0V,SER
DCR 直流电阻(Ω)	7—3	TBD m Ω MAX	Ta=25° C
	12,13—14,15	TBD m Ω MAX	
	16,17—18,19	TBD m Ω MAX	
Polarity&turns ratio 极性和圈数比	NP1+NP2:NS1:NS2	40 : 2: 2	10KHz,1.0V
HI-POT Voltage 耐压	NP—NS1,NS2	AC4.0KV	50Hz or 60Hz 2mA/1S

Note(注):

Operating temperature range (操作温度范围): -25~+105°C (include self-rise)

Storage temperature range(保存温度范围): -25~+80°C

6. 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	T375HF PM-9820	Chang Chun Plastics Co.,LTD SUMITOMO BAKELITE CO.,LTD	E59481 E41429
2	CORE 磁芯	ZP95/SP95/GP95 or equal	ZHONGXIN SANLIN GUANDA	N/A
3	TAPE 胶带	CT* (c) (g) 1318-1(a)	YAHUA ADHESIVE TAPE CO., LTD ; 3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E165111 E17385
4	UEW Enameled Copper Wire UEW 漆包线	UEW/QA-F Xuew	HENG YA ELECTRIC (DONGGUAN) LTD BAIYIN YIZHI CHANGTONG SUPER MICRO-WIRE CO LTD NINGBO XINJIAN ELECTRONIC INDUSTRIAL CO LTD	E197768 E363385 E197317
5	VARNISH 绝缘漆	AC-43 T-4260(a)	JOHN C DOLPH CO.,LTD SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO.,LTD	E317427 E228349
6	MARGIN TAPE 挡墙胶带	WF 44(a)	YAHUA ADHESIVE TAPE CO., LTD ; 3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E165111 E17385
7	TUBE 套管	WF	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	E203950