

Specification for approval

Description(产品类型):	Transformer
Customer p/n(客户):	
ZETTLER p/n(赛特勒):	XZM-E32117-H
Revision(版本号):	PD1.0
Page(页数):	5

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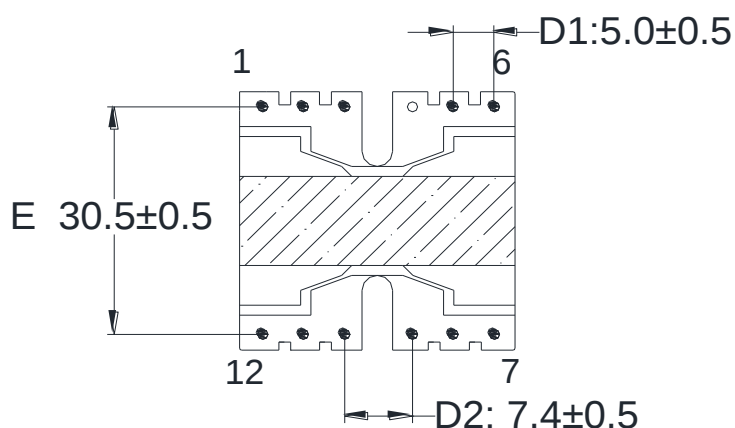
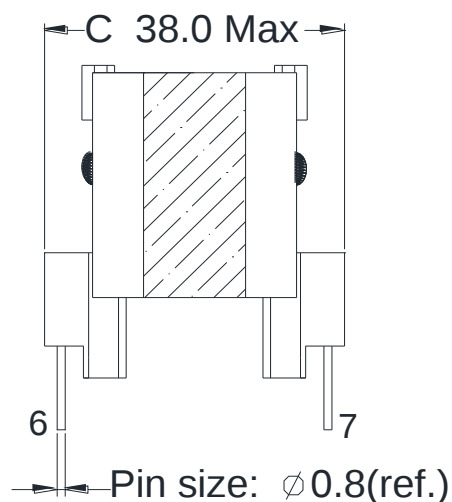
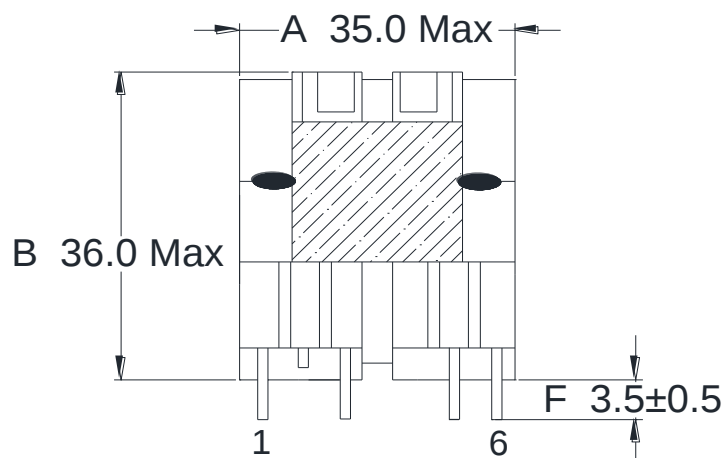
PD1.0	2025/2/12	Initial release 新建项目	Linjs
Rev.	Date	Description	Changed

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.

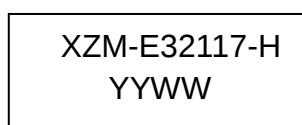
1. OUTLINE DRAWING(外形图):UNIT(单位): mm



Notes(注):

- ◆ PCB drill hole is recommended to be 1.3mm; (建议 PCB 开孔孔径为 1.3mm)
- ◆ 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)

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	Turns 圈数	Tape type and number of circles 胶带类型与圈数	Note 备注
1	N1	1	NC	2UEW $\phi 0.25\text{mm} \times 2$	15Ts(ref)	(3M1318), 3.0Ts	
2	N2	3	2	2UEW $\phi 0.50\text{mm}$	24TS	(3M1318), 2.0Ts	
3	N3	5	6	2UEW $\phi 0.25\text{mm} \times 2$	8TS	(3M1318), 2.0Ts	
4	N4	11	10	OLTIW-B $\phi 0.5\text{mm} \times 2$	5TS	(3M1318), 2.0Ts	
5	N5	9	8	OLTIW-B $\phi 0.5\text{mm} \times 3$	14TS	(3M1318), 2.0Ts	
6	N6	2	1	2UEW $\phi 0.50\text{mm}$	20Ts	(3M1318), 3.0Ts	

5. 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--1	370uH±10%	50KHz,1.0V,SER
Leakage inductance 漏电感	3--1 (Other pins shorted)	12 uH Max	50KHz,1.0V,SER
DCR 直流电阻(Ω)	3--1	360 mΩ Max	Ta=25℃
	5--6	125mΩ Max	
	8--9	45 mΩ Max	
	10—11	25 mΩ Max	
Polarity& turns ratio 极性和圈数比	N2+N6:N3:N4:N5	44:8:5:14	10KHz,1.0V
HI-POT Voltage 耐压	N1,N2,N3--N4,N5 N4,N5--CORE	AC3.75KV	50/60Hz ,5mA,60S
	N1,N2,N3--CORE	AC1.5KV	

Note(注):

Operating temperature range (操作温度范围): -25~+120℃ (include self-rise)

Storage temperature range(保存温度范围): -25~+85℃

7. 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/PM-9630	Chang Chun Plastics Co.,LTD SUMITOMO BAKELITE CO.,LTD	E59481 E41429
2	CORE 磁芯	ZP44/ SP4A or equal	ZHONGXIN SANLIN	NA
3	TAPE 胶带	CT*(c)(g) 1318-1(a)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD 3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E165111 E17385
4	UEW Enameled Copper Wire UEW 漆包线	TYA1-U155 xUEW/155 xUEW/155	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	TUBE 套管	WF TFT	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD GREAT HOLDING INDUSTRIAL CO LTD	E203950 E156256
7	TRIPLE INSULATED WIRE 三层绝缘线	OLTIW-B* or equal	WUHU OULY ELECTRONICS CO.,LTD	E466302