

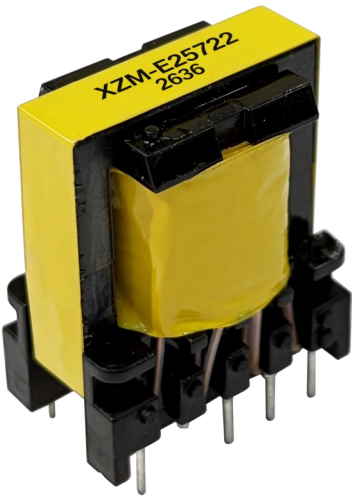
Ferrite transformer

Transformer conforming to Pollution Degree P3: XZM-E25722

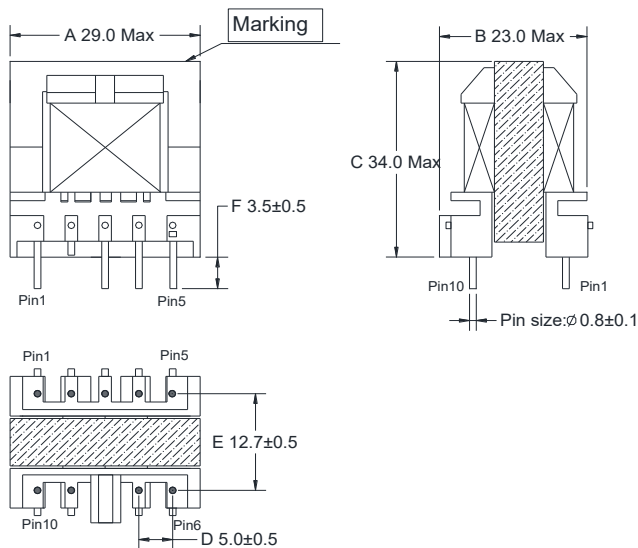
FEATURES

- Primary/Secondary Insulation: $\geq 3750\text{VAC}$;
- Primary/Secondary Creepage distance: $\geq 9.5\text{mm}$;
- Primary/Secondary Clearance distance: $\geq 6.0\text{mm}$;
- Values of Creepage and clearance are based on:
- Max. 300Vrms of working voltage
 - Overvoltage category II; Pollution Degree P3;
 - Reinforced insulation between primary and secondary windings;
- Conforms to IEC61558-1: 2023, IEC61558-2-16: 2021;
- Conforms to GB/T 19212.1-2016, GB/T 19212.17-2019;

Custom design available



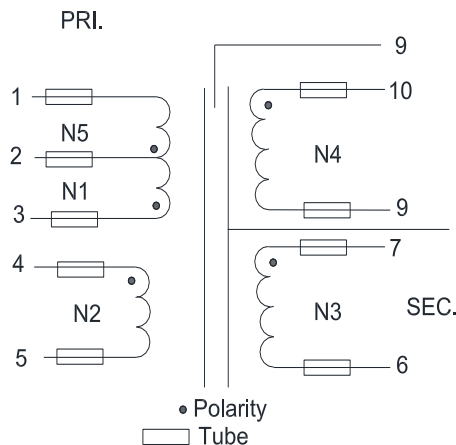
OUTLINE DRAWING: mm



ELECTRICAL SPECIFICATION

Inductance(L3-1)	1.5mH±10%@(100KHz,0.25V)
Leakage inductance (Le3-1)	50uH MAX@(100KHz,0.25V)
HI-POT Voltage (PRI.—SEC/ SEC-CORE)	AC 3.75KV 50/60Hz,5mA,1Min
Turns ratio (N1+N5:N2:N3:N4)	96:6:18:15
Operating temperature	-25~+120℃ (Temperature rise included)
Storage temperature	-25~+85℃

SCHEMATIC



WINDING SPECIFICATION

Wind-ing	Start	End	Wire	Turns
N1	3	2	UEW	48
N2	4	5	UEW	6
N3	7	6	TIW-B	18
N4	10	9	TIW-B	15
N5	2	1	UEW	48

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Ferrite transformer

DISCLAIMER

This product specification is to be used in conjunction with the application notes which can be downloaded from the regional ZETTLER magnetics websites. The specification provides an overview of the most significant part features. Any individual applications and operating conditions are not taken into consideration. It is recommended to test the product under application conditions. Responsibility for the application remains with the customer. Proper operation and service life cannot be guaranteed if the part is operated outside the specified limits.

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