

# Ferrite transformer

PRELIMINARY

## Ultra-thin transformer: XZM-E40015

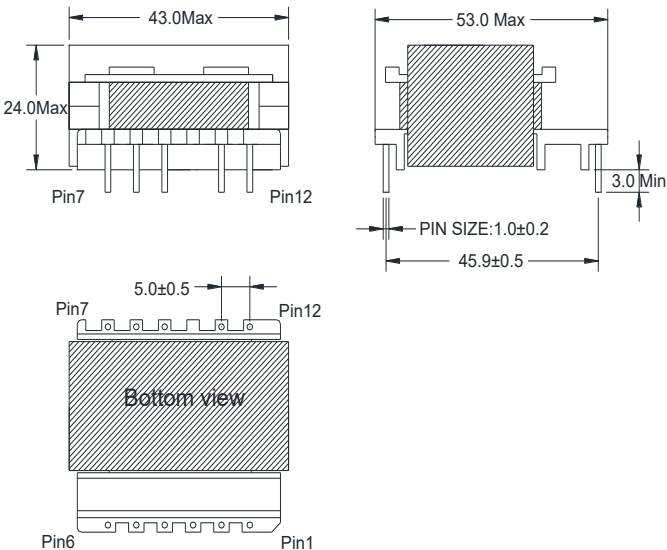
### FEATURES

- Product height: 24mm Max;
- Power: 360VA Max
- Primary/Secondary Insulation:  $\geq 3750\text{VAC}$ ;
- Primary/Secondary Creepage distance:  $\geq 8.0\text{mm}$ ;
- Primary/Secondary Clearance distance:  $\geq 8.0\text{mm}$ ;
- Conforms to Class F insulation system
- Conforms to IEC61558-1: 2023, IEC61558-2-16: 2021;
- Conforms to GB/T 19212.1-2016, GB/T 19212.17-2019;

Custom design available



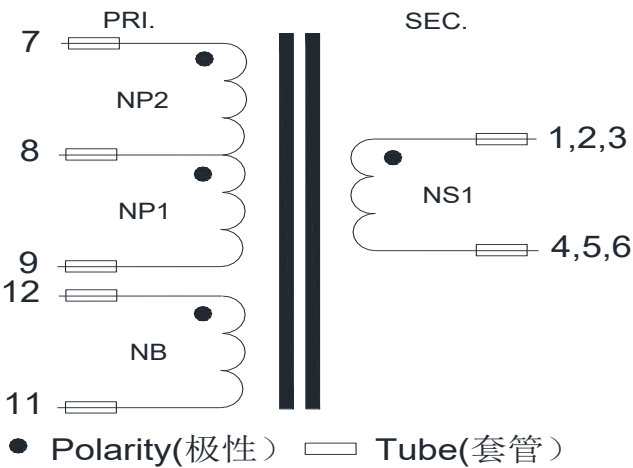
### OUTLINE DRAWING: mm



### ELECTRICAL SPECIFICATION

Inductance(L7-9)	3.0 mH Min@ (400KHz,1.0)
Leakage inductance (Le7-9)	6.0 uH MAX@ (40KHz,1.0V)
HI-POT Voltage (PRI.—SEC )	AC 3.75KV 50/60Hz,5mA,1Min
HI-POT Voltage (PRI.,SEC.—CORE )	AC 1.5KV 50/60Hz,5mA,1Min
Turns ratio (NP1+NP2:NB:NS1 )	21 : 1.5 : 9
Operating temperature	-25~+140℃
Storage temperature	-25~+85℃

### SCHEMATIC



### WINDING SPECIFICATION

Winding	Start	End	Wire	Turns
NP1	7	8	UEW	14
NS1	1,2,3	4,5,6	TIW	9
NP2	8	9	UEW	7
NB	12	11	UEW	1.5

ZETTLER

# Ferrite transformer

**PRELIMINARY**

## 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.

## ZETTLER GROUP

Building on a foundation of more than a century of expertise in German precision engineering, ZETTLER Group is a world-class enterprise, engaged in the design, manufacturing, sales and distribution of electronic components. Our industry leadership is based on a unique combination of engineering competence and global scale.

For more information on other ZETTLER Group companies, please visit [zettler-group.com](http://zettler-group.com). For support on this product or other ZETTLER magnetics products, please visit one of the group sites below.

## SITES FOR ZETTLER MAGNETICS

### NORTH AMERICA

Zettler Magnetics, Inc.  
[www.zettlermagnetics.com](http://www.zettlermagnetics.com)

### CHINA

Zettler Group, China  
[www.zettlercn.com](http://www.zettlercn.com)

### EUROPE

Zettler Electronics, GmbH  
[www.zettlerelectronics.com](http://www.zettlerelectronics.com)  
[office@zettlerelectronics.com](mailto:office@zettlerelectronics.com)

Zettler Electronics, Poland  
[www.zettlerelectronics.pl](http://www.zettlerelectronics.pl)

### ASIA PACIFIC

Zettler Electronics (HK) Ltd.  
[www.zettlerhk.com](http://www.zettlerhk.com)  
[sales@zettlerhk.com](mailto:sales@zettlerhk.com)



**ZETTLER**