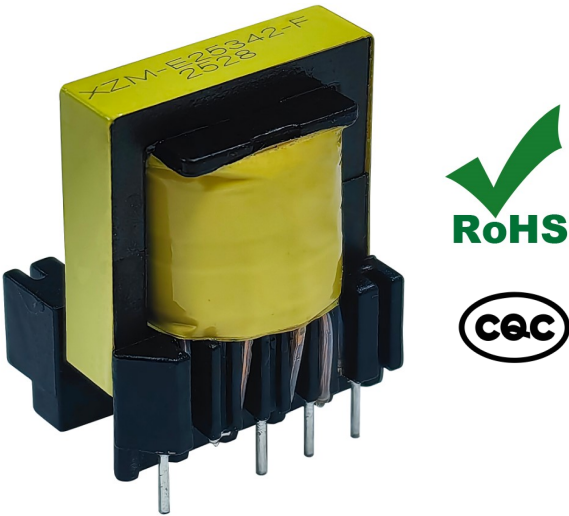


Ferrite transformer

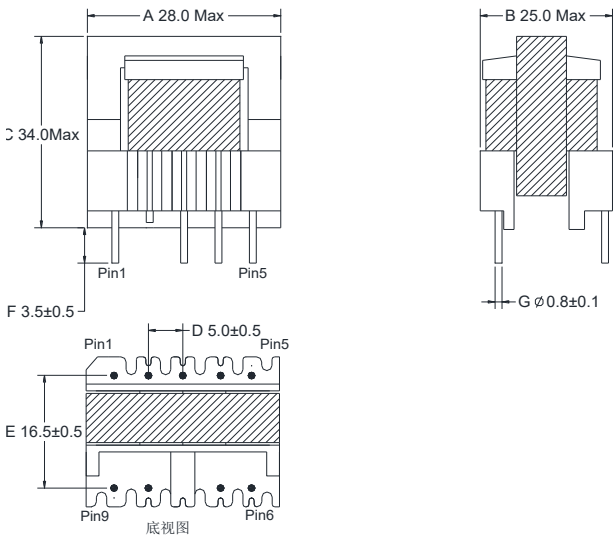
4000m altitude application: XZM-E25342-F

FEATURES

- Primary/Secondary Insulation: $\geq 3750\text{VAC}$;
- Primary/Secondary Creepage distance: $> 8.2\text{mm}$;
- Primary/Secondary Clearance distance: $> 5.8\text{mm}$;
- Values of Creepage and clearance are based on:
- Max. 300Vrms of working voltage
 - Overvoltage category II
 - 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



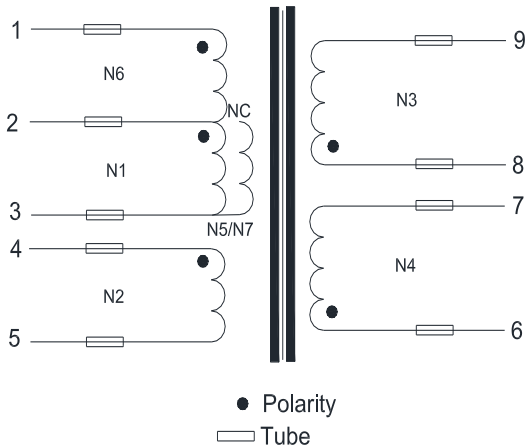
OUTLINE DRAWING: mm



ELECTRICAL SPECIFICATION

Inductance(L3-1)	690uH±10%@(150KHz,0.3)
Leakage inductance (Le3-1)	15uH MAX@(150KHz,0.3V)
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 (N1+N6:N2:N3:N4)	67:9:13:8
Operating temperature	-25~+120℃ (Temperature rise included)
Storage temperature	-25~+85℃

SCHEMATIC



WINDING SPECIFICATION

Wind-ing	Start	End	Wire	Turns
N1	2	3	UEW	37
N2	4	5	UEW	9
N3	8	9	OLTIW-B	13
N4	6	7	OLTIW-B	8
N5	3	NC	copper foil	0.9
N6	1	2	2UEW	30
N7	3	NC	copper foil	0.9

ZETTLER

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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SITES FOR ZETTLER MAGNETICS

NORTH AMERICA

Zettler Magnetics, Inc.
www.zettlermagnetics.com
sales@zettlermagnetics.com

EUROPE

Zettler Electronics, GmbH
www.zettlerelectronics.com
office@zettlerelectronics.com

Zettler Electronics, Poland
www.zettlerelectronics.pl
office@zettlerelectronics.pl

CHINA

Zettler Group, China
www.zettlercn.com
sales@zettlercn.com

ASIA PACIFIC

Zettler Electronics (HK) Ltd.
www.zettlerhk.com
sales@zettlerhk.com



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