



P&Z ELECTRONICS CO.,LTD

ER35 transformer

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Part Code	Date	Production	Type	Version	Page
PZ-ER35V-112K	2016/3/15	Tom	DIP	A001	1

4.General Properties:

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions.

Storage Temperature: -20 °C up to +60 °C

Operating Temperature: -40 °C up to +125 °C

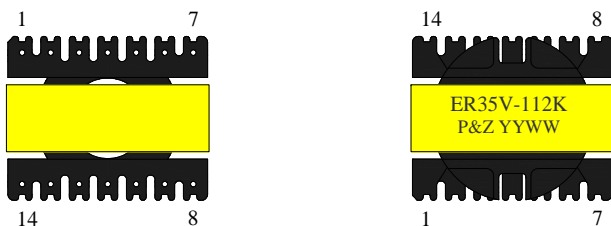
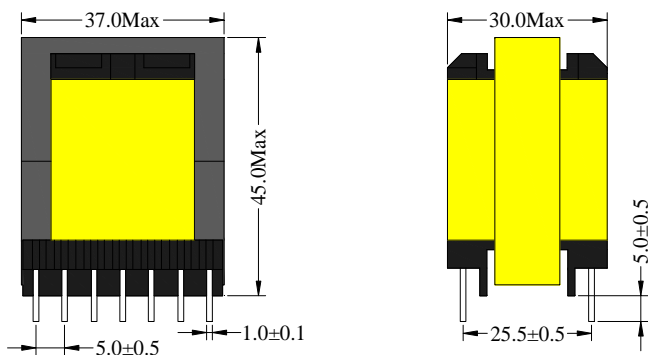
Temperature Rise < 55K.

Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently.

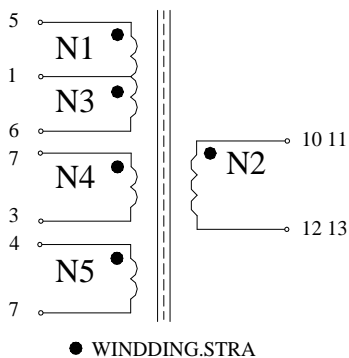
5.Electrical Properties:

Properties	Test conditions	Value	Unit	Tolerance
Inductance:5-6	50KHZ/1V	1100	uH	±10%
Leakage:5-6	50KHZ/1V short other	100	uH	Max
DC-resistance:1-2	@25 °C	270	mΩ	Max
DC-resistance:3-4	@25 °C	220	mΩ	Max
DC-resistance:10. 11-12. 13	@25 °C	35	mΩ	Max
Turns ratio:	N1:N3	1:1		±3%
Turns ratio:	N1+N3:N2	4:1		±3%
Turns ratio:	N1+N3:N4	6.67:1		±3%
Turns ratio:	N1+N3:N5	60:1		±3%
Hi-pot: Pri-Sec	AC1500V/3mA/3S		V/(AC)	Pass
Hi-pot: Pri/Sec-Core	AC500V/3mA/3S		V/(AC)	Pass

1.Dimensions: [mm]



2.Schematic:



3.Winding construction:

