



P&Z ELECTRONICS CO.,LTD

ER2510 LED Power drive transformer

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Part Code	Date	Production	Type	Version	Page
PZ-ER2510-102K	2013/6/8	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
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Operating Temperature:	-40 °C up to +125 °C
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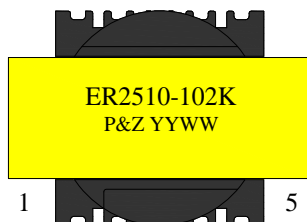
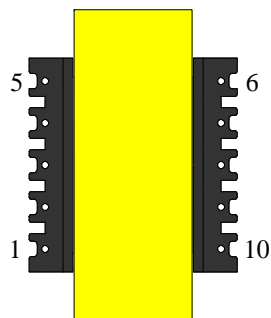
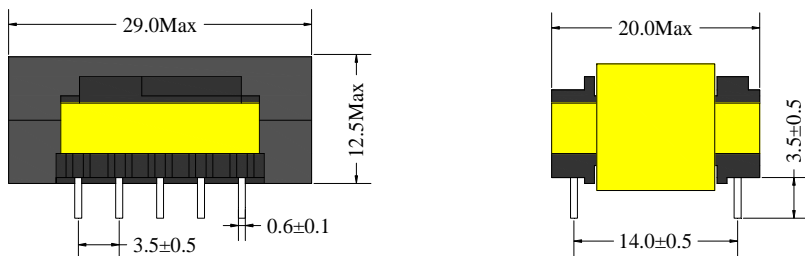
Temperature Rise<55K.

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

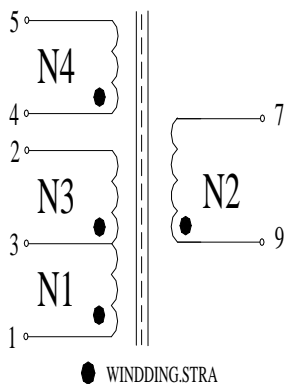
5.Electrical Properties:

Properties	Test conditions	Value	Unit	Tolerance
Inductance:1-5	1KHZ/0.25V	1000	uH	±10%
Turns ratio:	N2:N1	1.33:1		±1%
Turns ratio:	N3:N1	1:1		±1%
Turns ratio:	N4:N1	0.4:1		±1%
Hi-pot: Pri-Sec	AC3000V/3mA/3S		V/ (AC)	Pass
Hi-pot: Pri/Sec-Core	AC1000V/3mA/3S		V/ (AC)	Pass

1.Dimensions: [mm]



2.Schematic:



3.Winding construction:

