



P&Z ELECTRONICS CO.,LTD

ER2828 81W transformer

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Part Code	Date	Production	Type	Version	Page
PZ-ER2828V-100K	2016/12/30	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

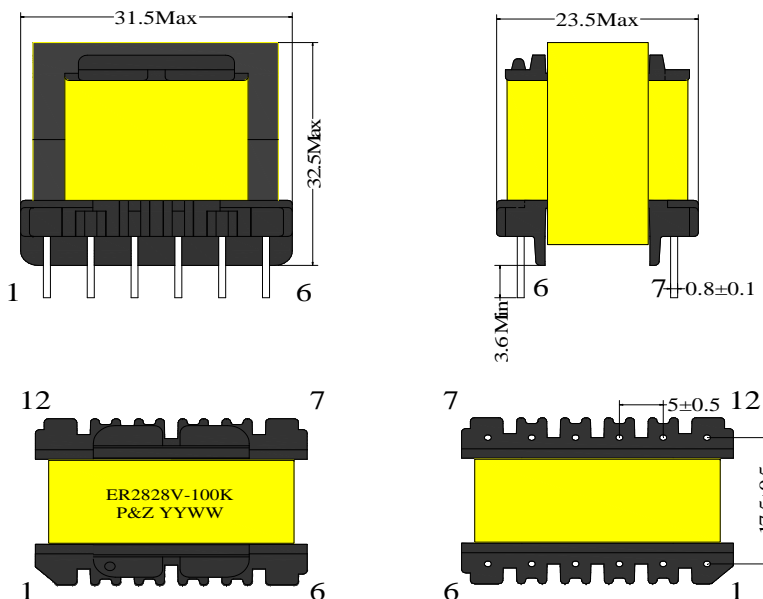
Temperature Rise<55K.

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

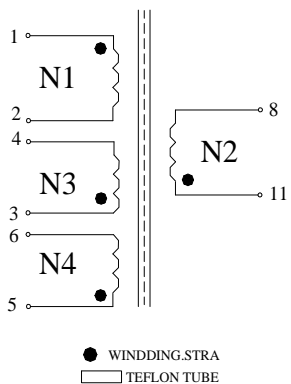
5.Electrical Properties:

Properties	Test conditions	Value	Unit	Tolerance
Inductance:1-4	200KHZ/0.3V	10	uH	±10%
Leakage:1-4	200KHZ/0.3V short other	0.086	uH	Max
DC-resistance:1-4	@25 °C	450	mΩ	Max
DC-resistance:5-6	@25 °C	850	mΩ	Max
DC-resistance:11-8	@25 °C	5.6	Ω	Max
Turns ratio:	N3:N1:N4	1:1:1		±3%
Turns ratio:	N3:N1/N2	1:2		±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:

