



P&Z ELECTRONICS CO.,LTD

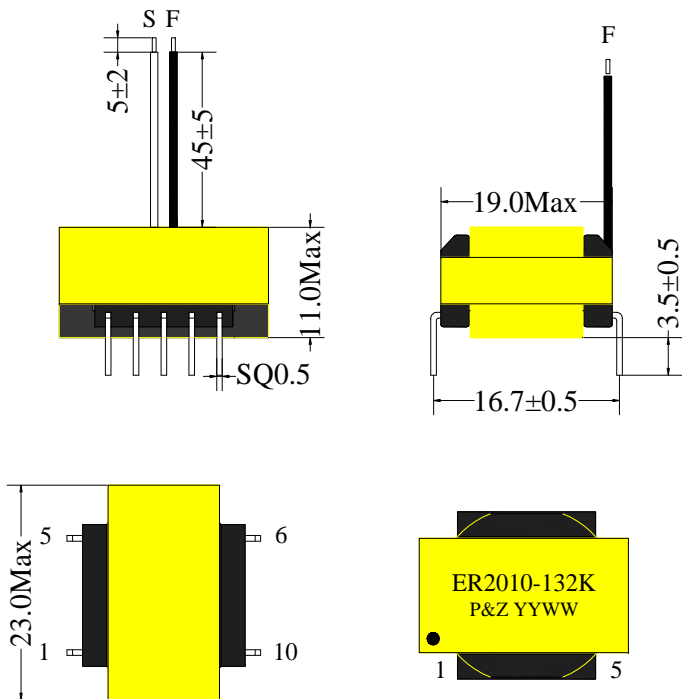
ER2010 LED Power drive transformer

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Part Code	Date	Production	Type	Version	Page
PZ-ER2010-132K	2013/6/15	Tom	DIP	A001	1

1. Dimensions: [mm]



4. General Properties:

It is recommended that the temperature of the component does not exceed $+125^\circ\text{C}$ under worst case conditions.

Storage Temperature: -20°C up to $+60^\circ\text{C}$

Operating Temperature: -40°C up to $+125^\circ\text{C}$

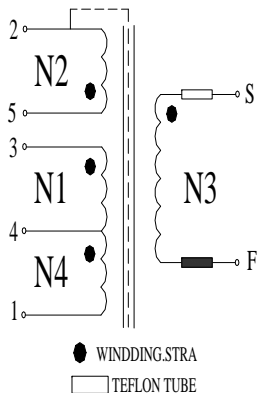
Temperature Rise $< 55\text{K}$.

Test conditions of Electrical Properties: $+20^\circ\text{C}$, 33% RH if not specified differently.

5. Electrical Properties:

Properties	Test conditions	Value	Unit	Tolerance
Inductance: 1-5	40KHZ/0.3V	1.3	mH	$\pm 10\%$
Turns ratio:	N2:N1	0.19:1		$\pm 1\%$
Turns ratio:	N3:N1	0.61:1		$\pm 1\%$
Turns ratio:	N4:N1	0.47:1		$\pm 1\%$
Hi-pot: Pri-Sec	AC3000V/3mA/3S		V/(AC)	Pass
Hi-pot: Pri/Sec-Core	AC1000V/3mA/3S		V/(AC)	Pass

2. Schematic:



3. Winding construction:

