



PZ-UT23V Series

Frame Core Chokes for Power Lines
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Created

Checked

Type

Date

Version

Page

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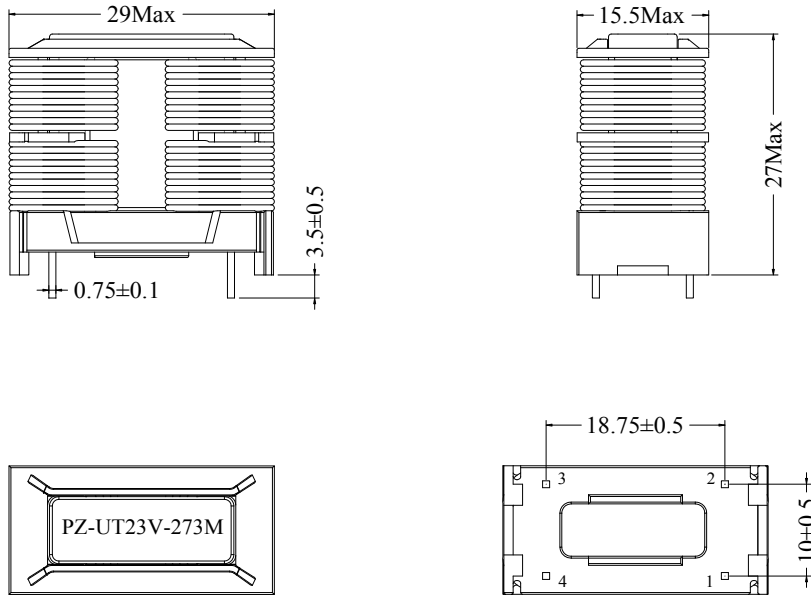
DIP

2020/4/15

A001

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1. Dimensions: [mm]



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

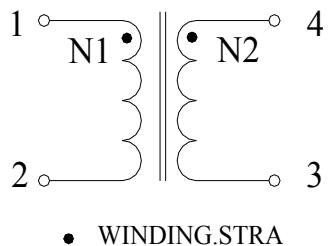
Temperature Rise < 55K.

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

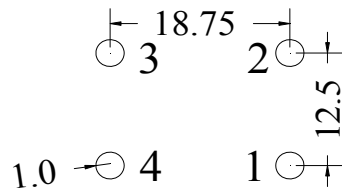
5. Electrical Properties:

Part Code	Inductance	Test condition	DC-Resistance	Rated Current	TDK Cord
PZ-UT23V-103M	10mH	10KHZ/0.05V	200mΩ Typ	2.3A Max	B82733V2232B001
PZ-UT23V-153M	15mH	10KHZ/0.05V	280mΩ Typ	1.9A Max	B82733V2192B001
PZ-UT23V-273M	27mH	10KHZ/0.05V	450mΩ Typ	1.4A Max	B82733V2142B001
PZ-UT23V-393M	39mH	10KHZ/0.05V	700mΩ Typ	1.2A Max	B82733V2122B001
PZ-UT23V-473M	47mH	10KHZ/0.05V	810mΩ Typ	1.1A Max	B82733V2112B001
PZ-UT23V-683M	68mH	10KHZ/0.05V	1100mΩ Typ	0.9A Max	B82733V2901B001
PZ-UT23V-104M	100mH	10KHZ/0.05V	1810mΩ Typ	0.7A Max	B82733V2701B001

2. Schematic:



3. PCB Layout Ref(mm)



*** Acceptable customers design custom**

5.1 Rated current: IR at 50 Hz and TA = 40 °C

5.2 Rated voltage: 250 V AC

5.3 Excellent differential-mode suppression

5.4 Inductance tolerance -30/+50%.