



PZ-CMC1711 Series

Frame Core Chokes for Power Lines
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Created

Checked

Type

Date

Version

Page

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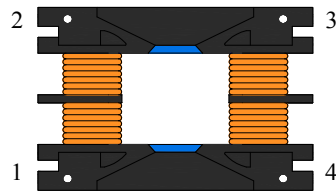
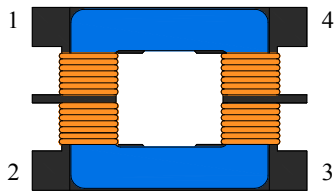
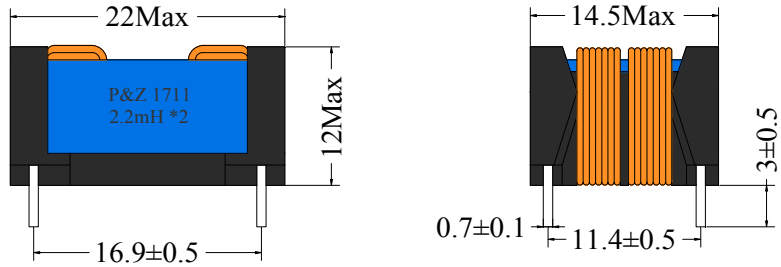
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1. Dimensions: [mm]



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

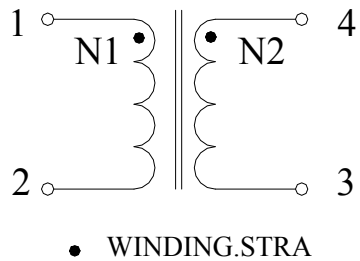
Temperature Rise < 55K.

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

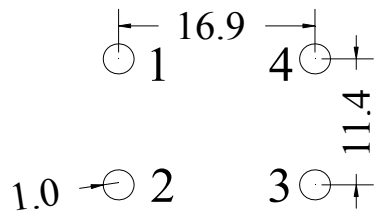
5. Electrical Properties:

Part Code	Inductance	Test condition	DC-Resistance	Rated Current	
PZ-CMC1711-222M	2.2mH	1KHZ/0.25V	65mΩ Max	3.5A Max	
PZ-CMC1711-392M	3.9mH	1KHZ/0.25V	105mΩ Max	3.0A Max	
PZ-CMC1711-702M	7.0mH	1KHZ/0.25V	168mΩ Max	2.5A Max	
PZ-CMC1711-103M	10.0mH	1KHZ/0.25V	270mΩ Max	2.0A Max	
PZ-CMC1711-123M	12.0mH	1KHZ/0.25V	450mΩ Max	1.5A Max	
PZ-CMC1711-183M	18.0mH	1KHZ/0.25V	520mΩ Max	1.2A Max	

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%.