



# PZ-CMC2220 Series

Frame Core Chokes for Power Lines  
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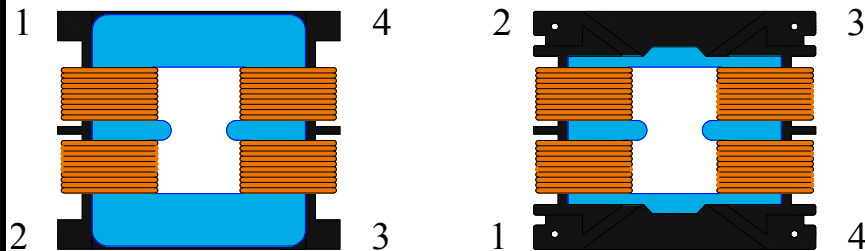
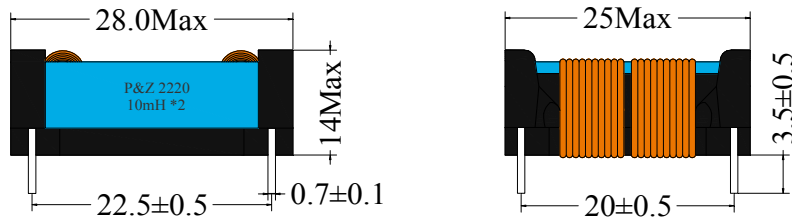
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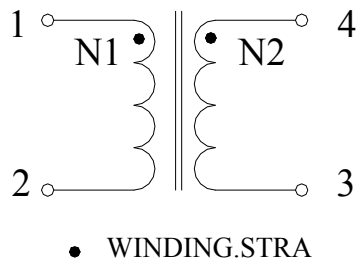
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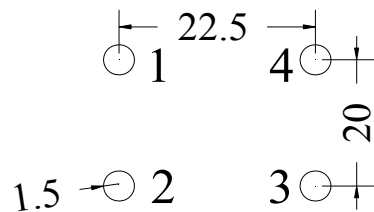
## 1. Dimensions: [mm]



## 2. Schematic:



## 3. PCB Layout Ref(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	EPSOC Code
PZ-CMC2220-103M	10mH	1KHZ/0.25V	188mΩ Max	2.3A Max	B82733F2232B001
PZ-CMC2220-153M	15mH	1KHZ/0.25V	279mΩ Max	1.9A Max	B82733F2192B001
PZ-CMC2220-273M	27mH	1KHZ/0.25V	440mΩ Max	1.4A Max	B82733F2142B001
PZ-CMC2220-393M	39mH	1KHZ/0.25V	696mΩ Max	1.2A Max	B82733F2122B001
PZ-CMC2220-473M	47mH	1KHZ/0.25V	804mΩ Max	1.1A Max	B82733F2112B001
PZ-CMC2220-683M	68mH	1KHZ/0.25V	1100mΩ Max	0.9A Max	B82733F2901B001
PZ-CMC2220-104M	100mH	1KHZ/0.25V	1810mΩ Max	0.7A Max	B82733F2701B001

**\* 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%

