



PZ-FQ2418V Series

Flat wire Common Mode Power Line Choke

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Created

Type

Date

Version

Page

Tom

DIP

2020/5/3

A001

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4. General Properties:

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions.

Storage Temperature: -25 °C up to +40 °C

Operating Temperature: -25 °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 conditions	DC-Resistance	Rated Current	Wire
PZ-FQ2418V-202M	2mH Min	1KHZ/0.25V	50mΩ Max	10~115A Max	0.70*1.5
PZ-FQ2418V-402M	4mH Min	1KHZ/0.25V	50mΩ Max	7.5~8.5A Max	0.55*1.5
PZ-FQ2418V-802M	8mH Min	1KHZ/0.25V	60mΩ Max	6.0~7.0A Max	0.40*1.5
PZ-FQ2418V-123M	12mH Min	1KHZ/0.25V	75mΩ Max	3.5~4.5A Max	0.30*1.5
PZ-FQ2418V-153M	15mH Min	1KHZ/0.25V	120mΩ Max	3.5~4.5A Max	0.25*1.5
PZ-FQ2418V-173M	17mH Min	1KHZ/0.25V	150mΩ Max	3.0~3.5A Max	0.20*1.2

*** Acceptable customers design custom**

Hi-pot:

1. Winding-core: 500VAC/50HZ 3A 2S.

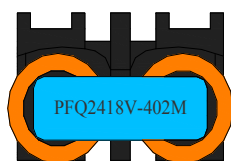
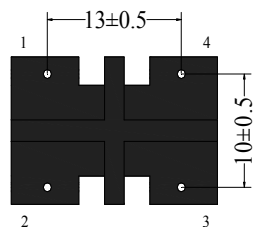
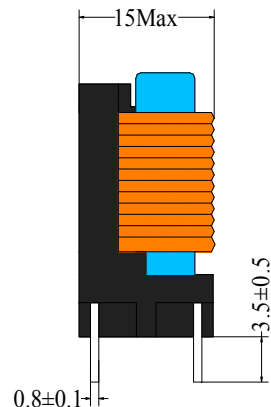
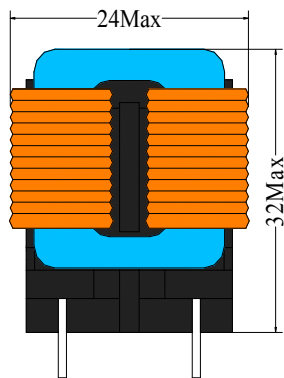
2. Winding-Winding: 1000VAC/50HZ 3A 2S.

3. Power range: 200~500W.

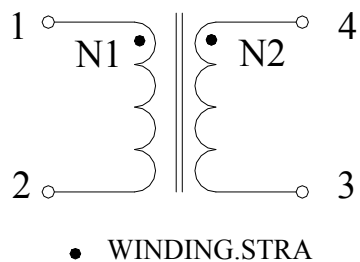
Replace traditional specifications:

T31*19*15 UT35 Common mode choke, filter.

1. Dimensions: [mm]



2. Schematic:



3. PCB Layout Ref(mm)

