



# PZ-FQ1212VR Series

Flat wire Common Mode Power Line Choke  
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Created

Type

Date

Version

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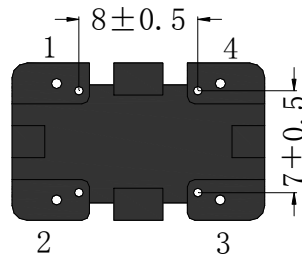
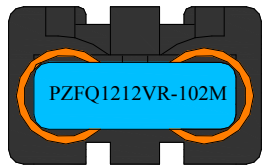
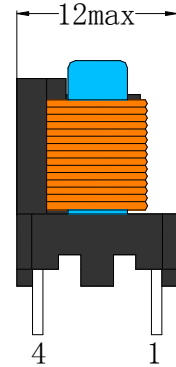
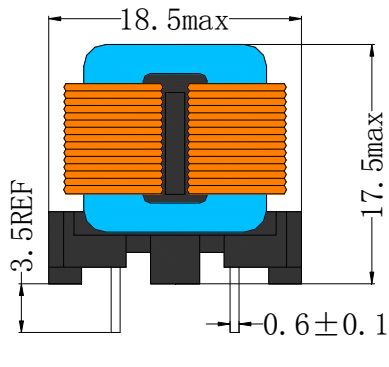
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## 1. Dimensions: [mm]



## 4. General Properties:

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

Storage Temperature:	-25 °C up to +40 °C
Operating Temperature:	-25 °C up to +125 °C

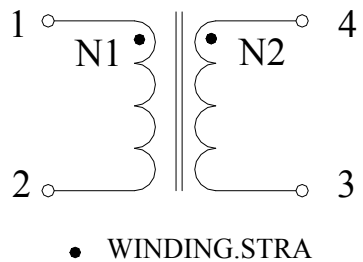
Temperature Rise < 55K.

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

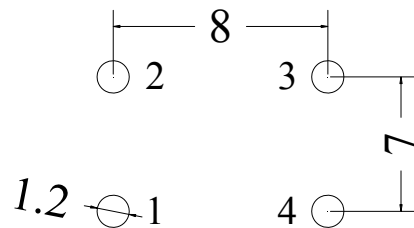
## 5. Electrical Properties:

Part Code	Inductance	Test conditions	DC-Resistance	Rated Current	Wire
PZ-FQ1212VR-202M	2mH Min	1KHZ/0.25V	80mΩ Max	2.5~3.0A Max	0.25*1.0
PZ-FQ1212VR-502M	5mH Min	1KHZ/0.25V	100mΩ Max	2.0~2.5A Max	0.20*1.0
PZ-FQ1212VR-802M	8mH Min	1KHZ/0.25V	180mΩ Max	1.5~2.0A Max	0.15*1.0
PZ-FQ1212VR-103M	10mH Min	1KHZ/0.25V	200mΩ Max	1.3~1.8A Max	0.13*1.0
PZ-FQ1212VR-153M	15mH Min	1KHZ/0.25V	240mΩ Max	1.0~1.5A Max	0.10*1.0

## 2. Schematic:



## 3. PCB Layout Ref(mm)



### \* Acceptable customers design custom

Hi-pot:

1. Winding-core: 500VAC/50HZ 3mA 2S.
2. Winding-Winding: 1000VAC/50HZ 3mA 2S.
3. Power range: 20~60W.

### Replace traditional specifications:

**UU9.8 T10 T16 T14 T12 EE15 Common mode choke, filter.**