



PZ-FQ1515H Series

Flat wire Common Mode Power Line Choke
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Tom	DIP	2020/5/5	A001	1

4. General Properties:

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

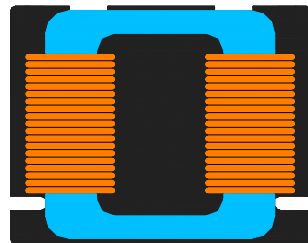
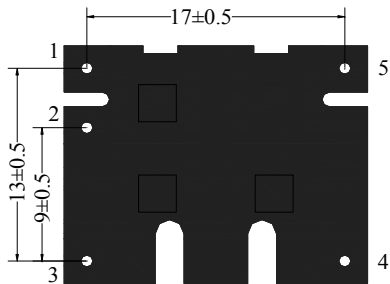
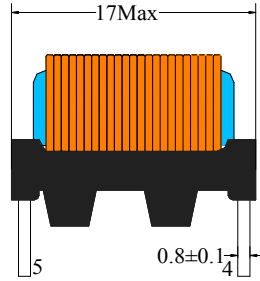
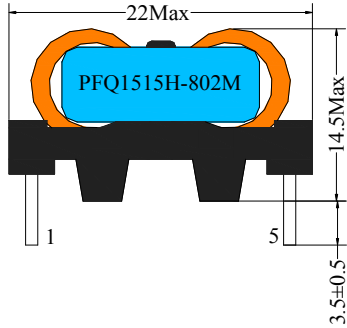
Storage Temperature: -25 °C up to +40 °C

Operating Temperature: -35°C up to +125 °C

Temperature Rise < 55K.

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

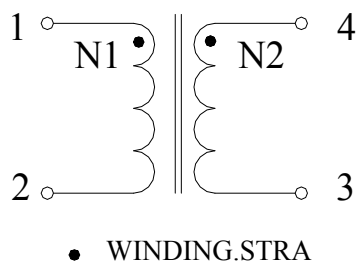
1. Dimensions: [mm]



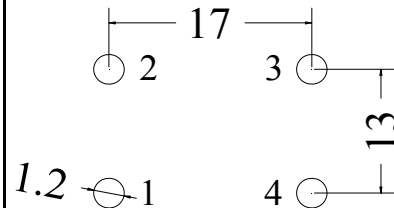
5. Electrical Properties:

Part Code	Inductance	Test conditions	DC-Resistance	Rated Current	Wire
PZ-FQ1515H-252M	2.5mH Min	1KHZ/0.25V	50mΩ Max	5.0~6.0A Max	0.35*1.5
PZ-FQ1515H-402M	4mH Min	1KHZ/0.25V	50mΩ Max	4.0~5.0A Max	0.30*1.5
PZ-FQ1515H-502M	5mH Min	1KHZ/0.25V	50mΩ Max	3.0~3.8A Max	0.30*1.2
PZ-FQ1515H-702M	7mH Min	1KHZ/0.25V	50mΩ Max	3.5~4.5A Max	0.25*1.5
PZ-FQ1515H-103M	10mH Min	1KHZ/0.25V	80mΩ Max	2.0~2.8A Max	0.25*1.0
PZ-FQ1515H-123M	12mH Min	1KHZ/0.25V	110mΩ Max	2.5~3.0A Max	0.20*1.5
PZ-FQ1515H-153M	15mH Min	1KHZ/0.25V	110mΩ Max	2.0~2.5A Max	0.20*1.0
PZ-FQ1515H-183M	18mH Min	1KHZ/0.25V	150mΩ Max	2.0~3.0A Max	0.15*1.5
PZ-FQ1515H-203M	20mH Min	1KHZ/0.25V	150mΩ Max	1.8~2.5A Max	0.15*1.2
PZ-FQ1515H-133M	13mH Min	1KHZ/0.25V	200mΩ Max	1.5~2.0A Max	0.15*1.0
PZ-FQ1515H-253M	25mH Min	1KHZ/0.25V	250mΩ Max	1.3~1.8A Max	0.13*1.0
PZ-FQ1515H-303M	30mH Min	1KHZ/0.25V	250mΩ Max	1.0~1.5A Max	0.11*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: 60~150W.

Replace traditional specifications:

T16*10*8 UT20 T18*10*8 UU10.5 Common mode choke, filter.