

### Common Mode Filter



**RoHS**

The filter is suitable for applications that are sensitive to noise, such as analog circuits, the EMC level can be significantly improved by adding a product to the input end of the power module.

### FEATURES

- Good temperature characteristic (-40°C~+105°C)
- High reliability
- Excellent Isolation Voltage
- Effective anti-interference

### Selection Guide

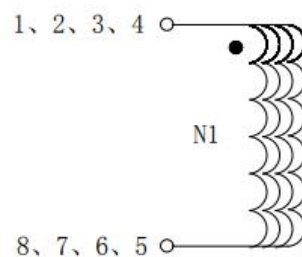
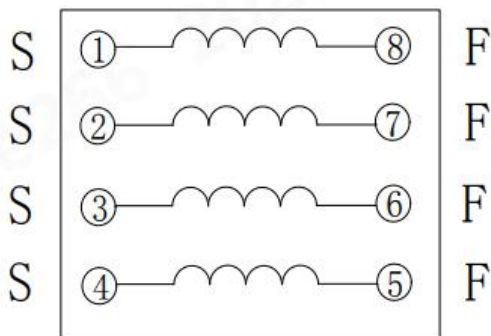
Model	Inductance (min)(mH)	Inductance (typ)(mH)	Operating Voltage(VA C) (max)	Operating Voltage(VD C) (max)	Current (A)(max)	DCR(mΩ) (max)	Weight (g) (typ)	Size(mm) (L x W x H)
FL4D-20-102A	0.65*2	1*2	600	800	2	50*2	15	27.5 x 18.5 x30.0
FL4D-20-302A	1.95*2	3*2	600	800	2	80*2	17	27.5 x 18.5 x30.0
FL4D-20-702A	4.55*2	7*2	600	800	2	100*2	19	27.5 x 18.5 x30.0

### General Specifications

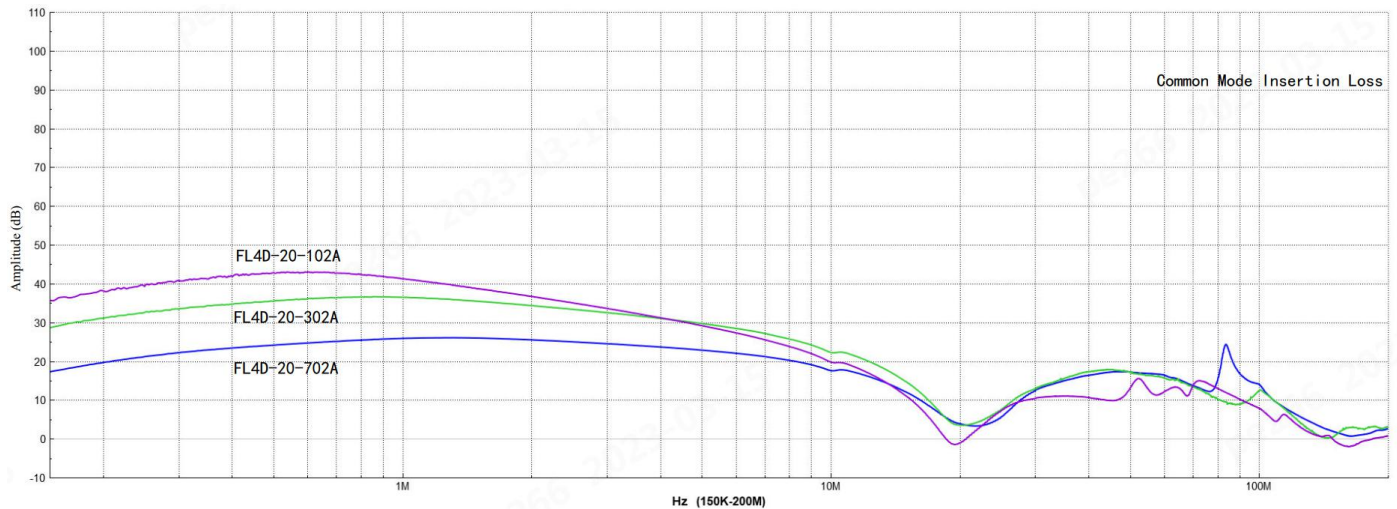
Item	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature		-40	--	+105	°C
Storage Temperature		-40	--	+105	
Storage Humidity		--	--	95	%
Inductance	fo=10KHz, Uo=0.1V	--	35	--	%
Isolation Voltage (Any two phase)	Electric strength test for 1 minute with a leakage current of 5mA max	--	--	3000	VAC
Vibration		10~150Hz 5g Z方向			

Note: \*Operating Temperature range includes inductor self heating.

### Schematic Diagram Of Pin Mark

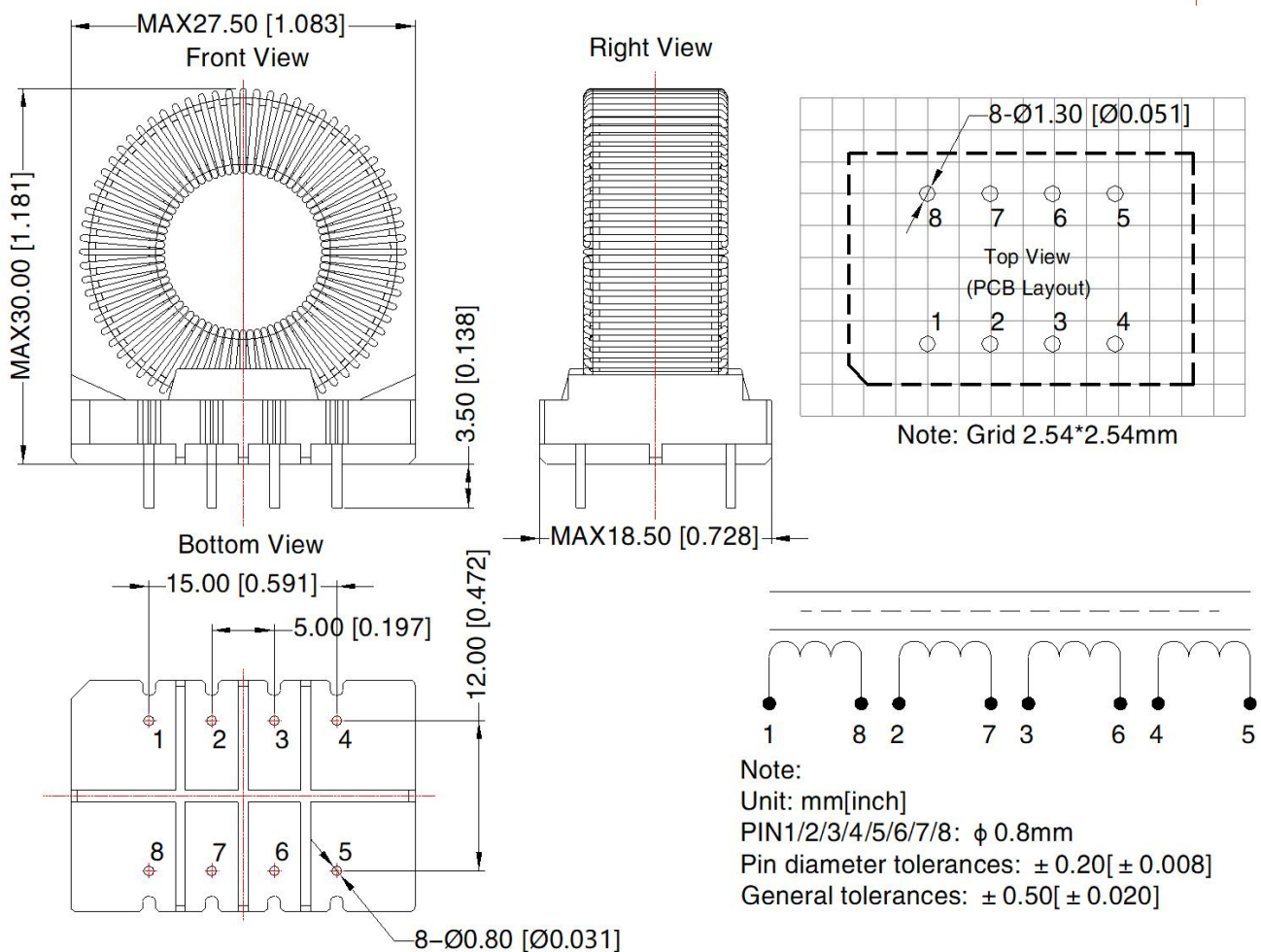


### FL4D-20-xxxA Insertion Loss Specifications (reference value)



### FL4D-20-xxxA Appearance Dimensions, Suggested Printing Layout

THIRD ANGLE PROJECTION



Note:

1. For additional information on Product Packaging please refer to [www.mornsun-power.com](http://www.mornsun-power.com). Packaging bag number: 58220139
2. Unless otherwise specified, data in this data sheet should be tested under the conditions of Ta=25°C, humidity<75%RH;
3. All index testing methods in this datasheet are based on company corporate standards;
4. The performance indexes of the product models listed in this manual are as above, but some indexes of non-standard model products will exceed the above-mentioned requirements, and please directly contact our technicians for specific information;
5. We can provide product customization service, please contact our technicians directly for specific information;
6. Products are related to laws and regulations: see "Features" ;
7. Our products shall be classified according to ISO14001 and related environmental laws and regulations, and shall be handled by qualified units.

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