

Common mode filter



RoHS

It is suitable for occasions that are sensitive to noise and EMC, such as analog circuits. After installing a FL2D-13-471R3 at the input of the module, the noise at the output of the module can be greatly reduced, which can significantly improve the EMC performance.

FEATURES

- Excellent temperature performance
- Compact size

Selection Guide

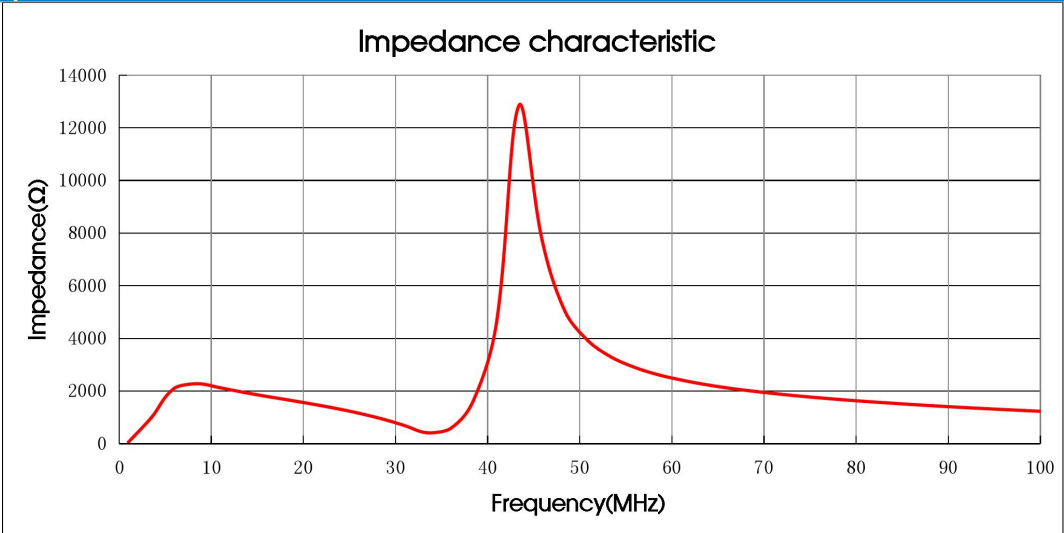
Part No.	Inductance (μ H) Typ.	Current (A) Max.	DCR(m Ω) Max.	Weight(g) Typ.	Dimensions (L*W*H) See Dimensions and Recommended Layout
FL2D-13-471R3	470*2	1.3	250*2	4	

General Specifications

Item	Operating Conditions	Min.	Typ.	Max.	Unit
Operating Temperature*		-40	--	125	℃
Storage Temperature		-40	--	125	
Storage Humidity		--	--	95	%RH
Inductance	100KHz, 0.1Vac	-50	--	--	%
Isolation	Leakage current $I_o=1$ mA	--	--	2000	VDC

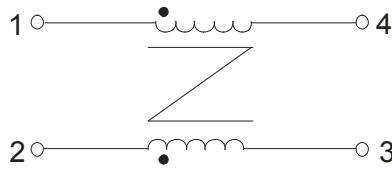
Note: * Operating temperature range includes heating of the inductor itself.

Attenuation specifications (reference value)



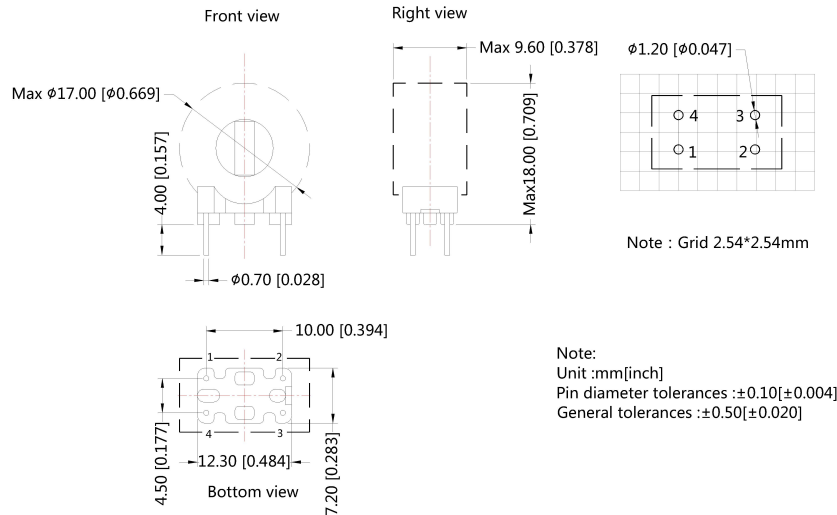
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Pin Function



Dimensions and Recommended Layout

THIRD ANGLE PROJECTION ☺ ◀



Notes:

1. For additional information on Product Packaging please refer to www.mornsun-power.com, Packaging bag number: 58220123;
2. Unless otherwise specified, parameters in this datasheet were measured under the conditions of $T_a=25^\circ\text{C}$, humidity<75%RH;
3. All index testing methods in this datasheet are based on our company corporate standards;
4. We can provide product customization service, please contact our technicians directly for specific information;
5. Products are related to laws and regulations: see "Features";
6. 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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