

### Common Mode Filter



RoHS

### FEATURES

- Excellent temperature characteristic
- Compact size
- Large current
- Effective anti-interference
- Ultra-low DCR
- With case and high reliability

It is suitable for occasions that are sensitive to noise and EMC, such as analog circuits. Adding a FL2D-xx-xxxC to the input or output of the module can significantly improve the EMC level and effective anti-interference.

### Selection Guide

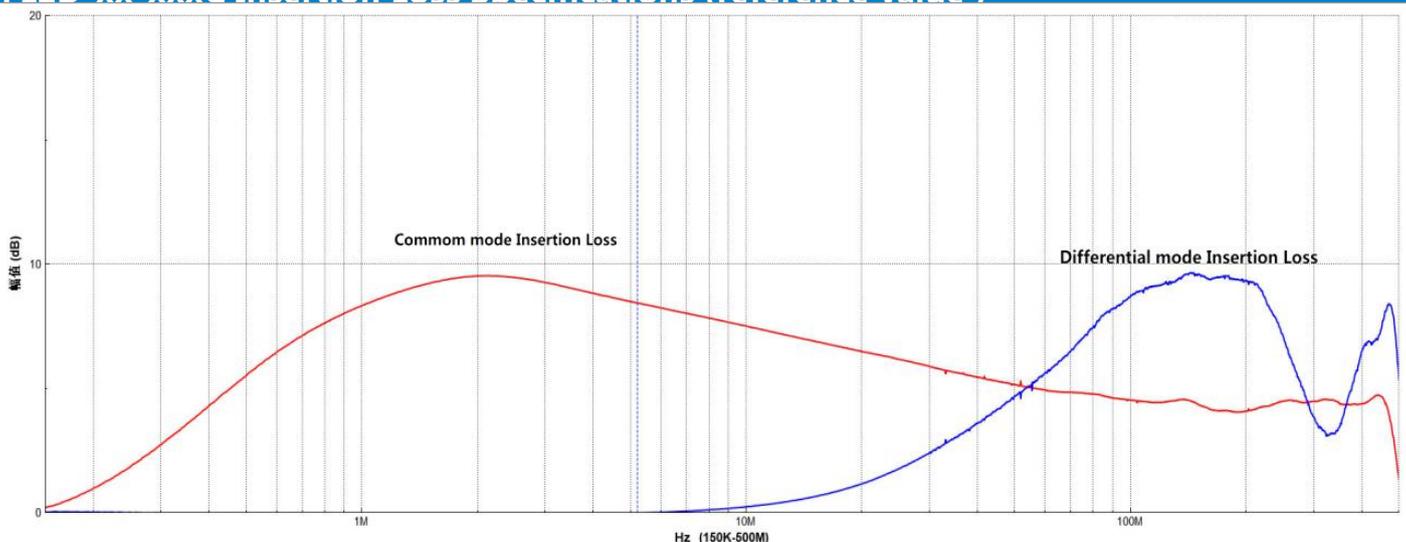
Model	Inductance (μH)(typ)	Current (A)(max)	DCR(mΩ) (max.)	Weight (g) (typ)
FL2D-70-360C	36*2	7	2.5*2	21.3
FL2D-A3-360C	36*2	13	2.0*2	22.5
FL2D-B5-360C	36*2	25	1.5*2	24.6

### General Specifications

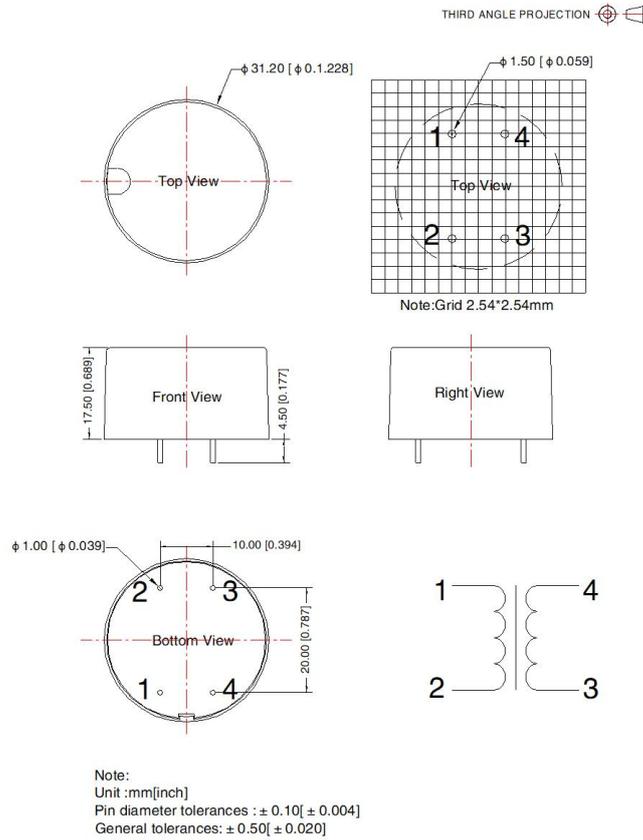
Item	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature*		-50	--	125	°C
Storage Temperature		-50	--	125	
Storage Humidity		--	--	95	%
Inductance Error Range	f=10KHz, Ug=0.1V	-35	--	+35	%
Insulation Voltage	Leakage current Io=5mA	1500	--	--	VDC
Vibration		IEC60077、IEC 61373 - Category 1, Grade B			

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

### FL2D-xx-xxxC Insertion Loss Specifications (reference value )

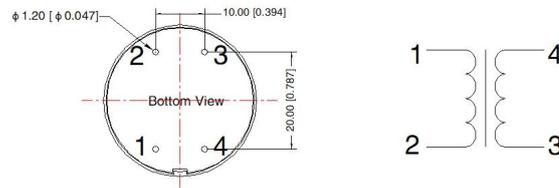
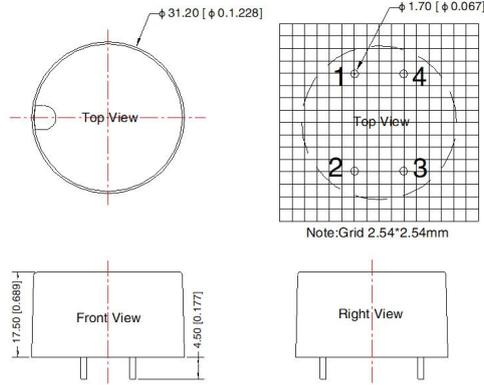


### FL2D-70-360C Dimensions



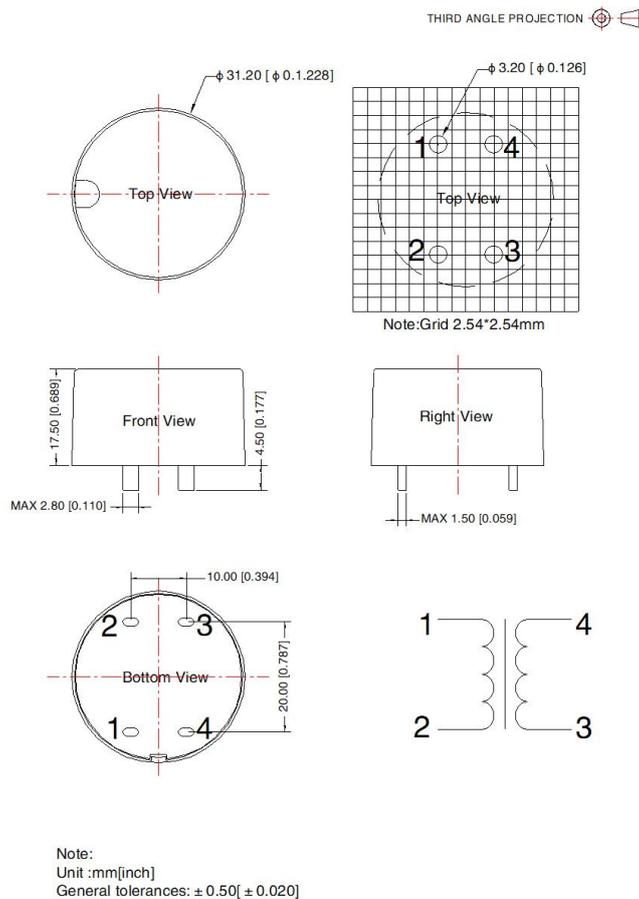
### FL2D-A3-360C Dimensions

THIRD ANGLE PROJECTION 



Note:  
 Unit :mm[inch]  
 Pin diameter tolerances :  $\pm 0.10[\pm 0.004]$   
 General tolerances:  $\pm 0.50[\pm 0.020]$

**FL2D-B5-360C Dimensions**



**Note:**

1. For additional information on Product Packaging please refer to [www.mornsun-power.com](http://www.mornsun-power.com). The Packaging bag number:58200055;
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 data sheet are based on our 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.

# EMC Filter

FL2D-xx-xxxC Series

MORNSUN®

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2023.09.25-A/2

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